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Monterey, California

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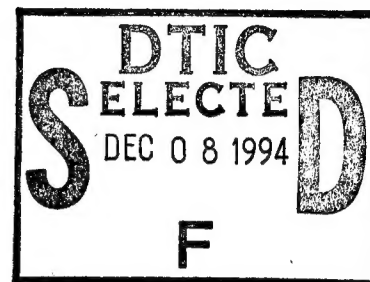
THESIS

DESIGN AND IMPLEMENTATION
OF A DATA MODEL FOR THE PROTOTYPE
MONITOR ASSIGNMENT SUPPORT SYSTEM

by

Lourdes T. Neilan

September, 1994

Thesis Advisor: Magdi N. Kamel

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DTIC QUALITY INSPECTED 5

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704

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1. AGENCY USE ONLY *(Leave blank)*	2. REPORT DATE Sep 1994	3. REPORT TYPE AND DATES COVERED Master's Thesis, Final	
4. TITLE AND SUBTITLE Design and Implementation of a Data Model for the Prototype Monitor Assignment Support System		5. FUNDING NUMBERS	
6. AUTHOR(S) Lourdes T. Neilan			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Naval Postgraduate School Monterey CA 93943-5000		8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)		10. SPONSORING/MONITORING AGENCY REPORT NUMBER	

11. SUPPLEMENTARY NOTES The views expressed in this thesis are those of the author and do not reflect the official policy or position of the Department of Defense or the U.S. Government.

12a. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited	12b. DISTRIBUTION CODE _ A

13. ABSTRACT *(maximum 200 words)* *This thesis is part of a project whose overall objective is to provide monitors in the United States Marine Corps a user-friendly PC-based database system, called the Monitor Assignment Support System (MASS), to help them in making assignment decisions. The objective of this thesis is to develop a conceptual model of the data needed to support the system, transform the model into a relational schema and implement the design into an appropriate database management system (DBMS). Two data models are developed for this thesis. The first is an ideal, normalized model, and the second is a practical, denormalized one developed to facilitate the downloading of data from existing legacy mainframe systems to a PC-based system. Microsoft's Access DBMS software is used for the implementation of the MASS prototype.*

A rapid prototyping approach is used in developing the system. This approach was beneficial in encouraging active user participation and, through its iterative nature, was helpful in identifying the users' actual requirements. Significant lessons are learned from developing the prototype that will be helpful when implementing the production version.

14. SUBJECT TERMS			15. NUMBER OF PAGES 403
			16. PRICE CODE
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT UL

NSN 7540-01-280-5500

Standard Form 298 (Rev. 2-89)
Prescribed by ANSI Std. 239-18

Design and Implementation
of a Data Model for the Prototype
Monitor Assignment Support System

by

Lourdes T. Neilan
Lieutenant, United States Navy
B.B.S., University of Florida, 1987

Submitted in partial fulfillment
of the requirements for the degree of

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT

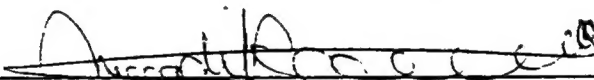from the

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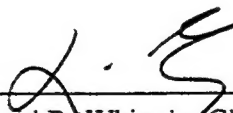September 1994

Author: _____
Lourdes T. Neilan

Approved by: _____
Magdi N. Kamel, Principal Advisor

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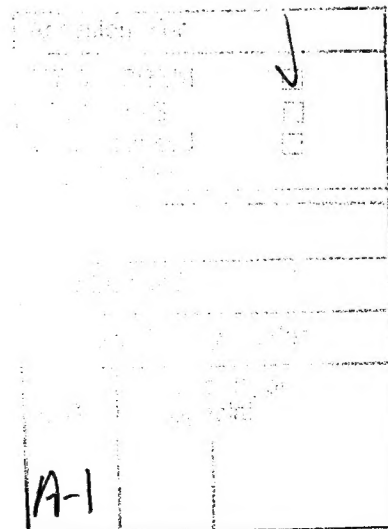Thomas G. Stein, Associate Advisor

_____
David R. Whipple, Chairman
Department of Systems Management

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ABSTRACT

This thesis is part of a project whose overall objective is to provide monitors in the United States Marine Corps a user-friendly PC-based database system, called the Monitor Assignment Support System (MASS), to help them in making assignment decisions. The objective of this thesis is to develop a conceptual model of the data needed to support the system, transform the model into a relational schema and implement the design into an appropriate database management system (DBMS). Two data models are developed for this thesis. The first is an ideal, normalized model, and the second is a practical, denormalized one developed to facilitate the downloading of data from existing legacy mainframe systems to a PC-based system. Microsoft's Access DBMS software is used for the implementation of the MASS prototype.

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I. INTRODUCTION

A. BACKGROUND

A primary mission for the Manpower Management Officer Assignment (MMOA) Branch is the placement of approximately 18,000 trained and qualified officers into authorized billets both internal and external to the Marine Corps. This is a challenging and often complex task of matching command requirements with qualified officers.

In order to properly assign an officer to his/her next billet, the United States Marine Corps (USMC) officer monitor must have pertinent information about the officer and prospective billet. These pieces of information currently reside in various physical locations and format, including a mainframe in Quantico, microfiche, and various paper reports. Not only are the vital information stored separately, they are often too outdated to be useful.

B. OBJECTIVES

This thesis is part of a project whose overall objective is to provide monitors a user-friendly PC-based database system to help them in making assignment decisions. The objective of this thesis is to develop a conceptual model of the data needed to support the system, transform the model into a relational schema and implement the design into an appropriate database management system (DBMS). A related thesis will develop the process model and implement it into an automated system using the application

1

development feature of the selected DBMS. The automated system should greatly enhance the monitor's ability to assign officers into billets by using up to date information.

C. RESEARCH QUESTION

The following are the research questions this thesis addresses:

1. Is it possible to develop a data model to support monitors at MMOA?

2. Can the data model be implemented using an off-the-shelf database management system?

3. Can appropriate modules be designed and implemented to access relevant data residing in different systems?

D. SCOPE

The scope of the thesis is confined to the following tasks:

1. Developing a Monitor Assignment Support System (MASS) data model using Entity-Relationship Model and Excelerator as a Computer Aided Software Engineering (CASE) tool.

2. Transforming the data model into a relational schema.

3. Implementing the relational schema into a suitable database management system.

4. Writing appropriate modules to access other databases, extract, download, and load relevant data.

E. METHODOLOGY

The thesis follows a structured methodology for database development, which consists of the following steps (Elmasri/Navathe, 1989, pp. 38):

1. Requirements Collection and Analysis. This phase involves interviewing users to gather required data and to understand the process of officer assignment.

2. Conceptual Design. A high level conceptual methodology such as Entity-Relationship Modeling is utilized to graphically represent the data requirements.

3. Logical Design. The conceptual design is transformed to a logical design using a relational schema. This relational schema can be used to specify high level transactions that correspond to user specified operations. Any changes needed to the conceptual design can be done at this stage.

4. Implementation. A commercial database management system is used to implement the logical design into a physical database. The result is a database schema of the data model implemented in the DBMS.

F. GLOSSARY

This glossary lists common terms used by the monitors and referred to in this thesis.

ASR   Authorized Strength Requirement. Also referred to as the "short line." Those billets in a Table of Organization designated by the structure sponsor to be filled. This process accounts for the constrained manpower situation. Authorized and affordable billets. Represents manning targets for the next six months. Published three times

yearly and comes from the Table of Manpower Requirements.

BMOS   Billet Military Occupational Specialty. Indicates Military Occupational Specialty officer should be qualified for to fill that billet.

Detailed Solution   The output to the Officer Staffing Goal Model process. This solution is comprised of Authorized Strength Requirements as well as Staffing Goals for all Monitored Command Codes in the Marine Corps.

MAC   Monitor Assignment Code. Each officer in the Marine Corps is designated a monitor for assignment purposes. Each monitor identifies those officers that are his/her responsibility for future assignment through this code.

MCC   Monitored Command Code. Command level to which personnel are assigned by Headquarters, Marine Corps.

MID   Military Identification Number. The difference between an MID and a Social Security Number (SSN) is the leading zero in front of the SSN. The leading zero identifies the person as a Marine. See By Name Assignment User Manual for other MID codes.

OSGM   Officer Staffing Goal Model. Algorithm that takes inputs necessary to produce the Detailed Solution. Examples of inputs to the OSGM include training plan, selection board results and Table 01.

PCS   Projected Change of Station. Approximate date an officer will detach the present command for the next assigned command.

PDU   Preference of Duty. Indicates officer's preference for next duty by MCC.

PMOS   Primary Military Occupational Specialty. An officer's primary area of specialty.

Staffing Goal	Also referred to as the "long line." The "best" distribution of the existing inventory of marines to the Authorized billets. A realistic target for monitors.
Table 01	The same as the Command English File. Provides a list of Monitored Command Codes and its plain English name.
TMR	Table of Manpower Requirements. All of the Table of Organizations, as maintained by Headquarters, Marine Corps. It is the sum of the unconstrained Marine Corps personnel requirement.
TO	Table of Organization. List of personnel by unit, grade and Military Occupational Specialty (MOS) which would be filled if the needs of the unit dictated such.

G.   ORGANIZATION OF STUDY

This thesis is organized as follows. Chapter II describes the existing monitor assignment system and identifies data requirements for MASS. Chapter III discusses the conceptual design of MASS using entity-relationship methodology. Chapter IV transforms the conceptual design into a relational schema. Chapter V discusses the implementation process, including the selection of a database application software. Chapter VI provides lessons learned, new findings, and directions for future work.

II. CURRENT SYSTEM AND DATA REQUIREMENTS OF NEW SYSTEM

This chapter discusses the present officer assignment process, including the monitor's sources of information used to successfully conduct his/her assignment. A comprehensive interview of the monitors and technical support personnel helped identify the main sources of information and the key processes used in assigning officers. For each source of information, the data source and its format are identified as well as who is responsible for creating and maintaining the data.

A. SOURCES OF MONITOR INFORMATION

A billet in the Marine Corps is considered available for fill by a new officer when the present officer assigned to that billet reaches six to nine months of his/her projected rotation date. A monitor completes a two part process when a billet is available for fill by a new relieving officer. Not only must the monitor identify a prospective officer for the billet, the monitor must also assign the current officer in that billet to a new billet. To determine who is to fill a given billet, a monitor considers several aspects, requirements, and information resources. The main information resources used by monitors include:

1. Command Staffing Report (CSR)

A monitor reviews billets that will be available within a specified time period through a report generated by MMOA called the Command Staffing Report (CSR), shown in Figure 1. This report contains the billet's Authorized Strength Requirements (ASR):

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the number of officers authorized to fill the billet as determined by manpower requirements and budget of the Marine Corps, and Staffing Goals: the description of the officer that best fits the given ASR. The report also contains information about officers that currently fill that billet as well as the incoming officers for that billet.

The CSR is broken down by Monitored Command Code (MCC) and Billet Military Occupational Specialty (BMOS) within each MCC. Thus, the CSR serves as a source of information for an MCC's Authorized Strength Requirements and Staffing Goals. From this information, monitors can readily identify those MCC's that have met their Staffing Goals, along with shortages and excessive fills.

MMOA generates this report three times a year for the monitors by formatting the Detailed Solution file. The Detailed Solution file is the output of the Officer Staffing Goal Model (OSGM) algorithm and contains ASR's and Staffing Goals for all MCC's in the Marine Corps. The OSGM algorithm combines the Marine Corps' mission plans with the available manpower resources, resulting in a plan that provides monitors guidance on how many officers may fill specific billets. Extensive knowledge and experience by the monitors play a major role to the input.

COMMAND STAFFING REPORT (18AUG92 VS 03FEB94)
AVIATION-ALL

HQ III MEF OKINAWA JAPAN   CSR_MCC   1C1

ASR AS OF
INVENTORY AS OF   MID FISCAL YEAR 1994
F   14, 199-
STAFFING GOAL TGT DATE OCTOBER , 1994
REPORT CREATION DATE F   14, 1994

NAME	MID	GRD IZ PMOS 1MOS 2MOS DAUS S/O RTD FMCC MCC SPMCC DCTB SEDO EAS SFMCC SEDA IMCC IEDA BGRD BMOS

IN BOUND MOS 7566

CIPRIANI JR LOUIS 0155487420 05 M 7566 7577 7207 8711 A   1T9 VME 143 9107 940601 000000 1C1 9407
CREAMER JR ROBERT 0261233145 04 B 7566 7596 0000 8403 K   036 J64 J64 9208 940601 000000 1C1 9407

MOS 7566	ASRO SGO	ASRN SGN	FEB94	MAR94	APR94	MAY94	JUN94	JUL94	AUG94	SEP94	OCT94	NOV94	DEC94	JAN95	APR95	JUL95	OCT95
COLONELS																	
LT. COLS	1																
MAJORS								1	1	1	1	1	1	1	1	1	1
CAPTAINS			1	1	1	1		1	1	1	1	1	1	1	1	1	1
LIEUTENANTS																	
WARRANT OFF																	
MOS TOTAL	1		1	1	1	1		2	2	2	2	2	2	2	2	2	2

MOS 757-	ASRO SGO	ASRN SGN	FEB94	MAR94	APR94	MAY94	JUN94	JUL94	AUG94	SEP94	OCT94	NOV94	DEC94	JAN95	APR95	JUL95	OCT95
COLONELS																	
LT. COLS																	
MAJORS		1															
CAPTAINS																	
LIEUTENANTS																	
WARRANT OFF																	
MOS TOTAL		1															

MAJORS BILLETS FOR THE ABOVE 7574 SG(S) ARE -
: MAJ-9969 1

MOS 7576	ASRO SGO	ASRN SGN	FEB94	MAR94	APR94	MAY94	JUN94	JUL94	AUG94	SEP94	OCT94	NOV94	DEC94	JAN95	APR95	JUL95	OCT95
COLONELS																	
LT. COLS																	
MAJORS		1															
CAPTAINS																	
LIEUTENANTS																	
WARRANT OFF																	
MOS TOTAL		1															

CAPTAINS BILLETS FOR THE ABOVE 7576 SG(S) ARE -
: MAJ-9969 1

ON BOARD MOS 7583

BREITHAUPT TERRY L 0508624258 05 M 7583 7591 0000 8510   940605 010 1C1 1C1 9306 940701 000000 2Y4 9408
SANDERSON WILLIAM   0225848505 04m M 7583 7596 7207 8603 A M 940909 V62 1C1 1C1 9309 940901 000000 012 9410

MOS 7583	ASRO SGO	ASRN SGN	FEB94	MAR94	APR94	MAY94	JUN94	JUL94	AUG94	SEP94	OCT94	NOV94	DEC94	JAN95	APR95	JUL95	OCT95
COLONELS																	
LT. COLS	1		2	2	2	2	2	2	1	1							
MAJORS		1															
CAPTAINS																	
LIEUTENANTS																	
WARRANT OFF																	
MOS TOTAL	1	1	2	2	2	2	2	2	1	1							

COMMAND STAFFING REPORT (18AUG92 VS 03FEB94)
AVIATION-ALL

HQ III MEF OKINAWA JAPAN   CSR_MCC   1C1

ASR AS OF
INVENTORY AS OF   MID FISCAL YEAR 1994
F   14, 1994
STAFFING GOAL TGT DATE OCTOBER 14, 1994
REPORT CREATION DATE F   14, 1994

MAJORS BILLETS FOR THE ABOVE 7583 SG(S) ARE -
: MAJ-9969 1

MOS 7587	ASRO SGO	ASRN SGN	FEB94	MAR94	APR94	MAY94	JUN94	JUL94	AUG94	SEP94	OCT94	NOV94	DEC94	JAN95	APR95	JUL95	OCT95
COLONELS	1																
LT. COLS																	
MAJORS																	
CAPTAINS																	
LIEUTENANTS																	
WARRANT OFF																	
MOS TOTAL	1																

MOS 9906	ASRO SGO	ASRN SGN	FEB94	MAR94	APR94	MAY94	JUN94	JUL94	AUG94	SEP94	OCT94	NOV94	DEC94	JAN95	APR95	JUL95	OCT95
COLONELS	1	1															
LT. COLS																	
MAJORS																	
CAPTAINS																	
LIEUTENANTS																	
WARRANT OFF																	
MOS TOTAL	1	1															

NAME	MID	GRD IZ PMOS 1MOS 2MOS DAUS S/O RTD FMCC MCC SPMCC DCTB SEDO EAS SFMCC SEDA IMCC IEDA BGRD BMOS

ON BOARD MOS 9907

WESLEY WILLIAM J 0470567462 06 M 9907 7545 7585 7908 K 950605 091 1C1 1C1 99206 940701 000000 -70 9408 = 06 9907
BRENNAN JOHN L   009-365556 06 7 9907 7522 7562 8306   960731 G16 1C1 1C1 99308 960701 000000 2Y6 9608 = 06 9907

MOS 9907	ASRO SGO	ASRN SGN	FEB94	MAR94	APR94	MAY94	JUN94	JUL94	AUG94	SEP94	OCT94	NOV94	DEC94	JAN95	APR95	JUL95	OCT95
COLONELS	2	2	3	5	2	2	2	2	2	2	1	1	1	1	1	1	1
LT. COLS																	
MAJORS																	
CAPTAINS																	
LIEUTENANTS																	
WARRANT OFF																	
MOS TOTAL	2	2	3	5	2	2	2	2	2	2	1	1	1	1	1	1	1

COLONELS BILLETS FOR THE ABOVE 9907 SG(S) ARE -
: COL-9906 = COL-9907 1

ON BOARD MOS 9910

KEVERLINE KENNETH DSPLY ONLY 04 M 7562 0430 7207 5906   960809 036 1C1 1C1 99308 940601 000000 1-5 9407 = 04 9910

MOS 9910	ASRO SGO	ASRN SGN	FEB94	MAR94	APR94	MAY94	JUN94	JUL94	AUG94	SEP94	OCT94	NOV94	DEC94	JAN95	APR95	JUL95	OCT95
COLONELS																	
LT. COLS																	
MAJORS																	
CAPTAINS																	
LIEUTENANTS																	
WARRANT OFF																	
MOS TOTAL																	

Figure 1. Command Staffing Report

2. Occupational Staffing Report (OSR)

The Occupational Staffing Report (OSR), shown in Figure 2, represents a different view of the Command Staffing Report (CSR). This report lists the MCC's by officers' PMOS and their Projected Change of Station (PCS). This report assists monitors in identifying "movers" in a given time frame.

Figure 2. Occupational Staffing Report

3. Slate File Report

This report is derived from a mainframe stored officer file called a Slate File, which includes information about an officer's present command, future command, dependents, education, awards, language proficiency, qualifications, etc. as well as monitor information regarding his/her future assignment and any additional notes regarding the officer. A monitor uses this report primarily to locate and confirm

information about an officer. A sample report produced by the Slate File is shown in Figure 3.

MMOA has oversight of the Slate File, though the file is physically stored in the mainframe computer located in Quantico, Virginia. Monitors can only update designated parts of this file. Examples of monitors' updatable fields include future assignment information, monitor notes, and certain qualifications.

Figure 3. Officer Slate File Report

4. Fitness Reports

The Master Brief Sheet shown in Figure 4 is a report listing Section A and Section B of all fitness reports written about the officer during his/her tenure as an officer in the Marine Corps. The Master Brief Sheet is produced through the Automated Fitness Report System (AFRS).

While the Master Brief Sheet displays all the grades contained on the front of the fitness report, the only means to access the narrative portions of a fitness report is via microfiche. Microfiche is considered an accurate record of an officer's fitness report history. It is, however, a time consuming task to view this information, since the microfiche must be ordered on a case by case basis.

Although Manpower Management Record Books (MMRB) located in Quantico actually maintain the mainframe-based file, MMOA accesses the file to generate the Master Brief Sheet. A daily batch file is run by MMOA for a listing of desired officers' Master Brief Sheets.

When a Master Brief Sheet is needed prior to the daily batch run, a monitor may access AFRS directly via his/her terminal to obtain a report on a given officer.

MASTER BRIEF SHEET

| | | 1JAN89 | USMC | 19652-100 | 0402 | 7210 | 125-2 | 1AUG89 |
| | 0 | 5NOV76 | 77 | | 20JUN92 | 19MAR86 | 0 | |

DECORATIONS

01 NAVY COMM MEDAL

MILITARY EDUCATION

OCC. NCS   76
AIR DEFENSE CONTRO   77   BASIC SCHOOL   77
NC AMPHIB WARFARE   87   MAINTENANCE MANAG   81
COMMAND AND STAFF   88   NC COMD AND STAFF   86
EMBARKATION FOR AM   92   BASIC AMPHIBIOUS   92
COMPUTER SCIENCE   A   MAINTENANCE MANAG   92

CIVILIAN EDUCATION

COLLEGE, 4 YEARS OR MORE
BACCALAUREATE
HISTORY
**SPECIAL EDUCATION PROGRAM
*** SCTY: /2/760803

LANGUAGES

FRENCH

SELGRD: 00
DATE:04/19/94

MONITORED COMMAND / ORGANIZATION	DUTY ASSIGNMENT / GRADE / MOS / MOS		CMD DATE / END DATE
STUDENTS BASIC SCH MCB QUANT / SERVICE SCHOOL - RNG	STUDENT TBS / 2NDLT N	AC 8	761105 / 770627
COMMELECSCLBN MCB 29 PALMS CAL / SERVICE SCHOOL - 87P	STUDENT / 2NDLT N	AC 3	770627 / 770923
MACS 7 MACG 38 3DMAW / MAR AIR CONT SQ/MACS/MTDS	AIR DEF CONTL OFF / 2NDLT N 7210	CH	770924 / 771014
MACS 7 MACG 38 3DMAW / MAR AIR CONT SQ/MACS/MTDS	AIRDEFCONTLOFF / 2NDLT N 7210	CH 4	771015 / 780228
MACS 7 MACG 38 3DMAW / MAR AIR CONT SQ/MACS/MTDS	TRAINING OFFICER / 2NDLT N 7320	TR 7	780301 / 780928
1ST MAW / MAR AIR CONT SQ/MACS/MTDS	UTILITIES OFFICER / 1STLT N 1120	CH 0	780928 / 781025
1ST MAW / MAR AIR CONT SQ/MACS/MTDS	UTILITIES OFFICER / 1STLT N 1120	SA 3	781030 / 790131
1ST MAW / MAR AIR CONT SQ/MACS/MTDS	UTILITIES OFFICER / 1STLT N 1120	CH 6	790201 / 790716
1ST MAW / MAR AIR CONT SQ/MACS/MTDS	UTILITIES OFFICER / 1STLT N 1120	TR 0	790717 / 790731
1ST MAW / MCB CAMP BUTLER	SPL SVC OFFICER / 1STLT N 9910	CH 1	790728 / 790817
MCB CAMSHEDLEY D BUTLER UNACCO / MCB CAMP BUTLER	SPECIAL SERVICES O / 1STLT N 9910	CO 1	790728 / 790823
1ST MAW / MCB CAMP BUTLER	SPL SVCS OFFICER / 1STLT N 9910	SA 6	790818 / 800131
1ST MAW / MCB CAMP BUTLER	SPEC SVCS OFFICER / 1STLT N 9910	FT 2	800201 / 800404
1ST MAW / MAR AIR CONT SQ/MACS/MTDS	AIR DEF CONT OFF / 1STLT N 7210	TR	800405 / 800508
MACS-7 MACG-38 3DMAW / MAR AIR CONT SQ/MACS/MTDS	AIR DEF CONT OFF / 1STLT N 7210	CH 3	800508 / 800731
3D MAW YUMA AZ / MAR AIR CONT SQ/MACS/MTDS	ELECT OFFICER / 1STLT N 9802	CO 7	800901 / 810316
USMC LOGISTICS BASE ALBANY GA / SERVICE SCHOOL - OON	STUD / 1STLT N	AT	810204 / 810305
3D MAW YUMA AZ / MAR AIR CONT SQ/MACS/MTDS	MAINT MANAGEMENT OFF / 1STLT N 0410	CH 3	810317 / 810630
3D MAW YUMA AZ / MAR AIR CONT SQ/MACS/MTDS	MAINT MGT OFFICER / 1STLT N 0410	CO 4	810701 / 811016
3D MAW YUMA AZ / MAR AIR CONT SQ/MACS/MTDS	MAINT MGT OFFICER / CAPT N 0402	CH 7	811017 / 820531
3D MAW YUMA AZ / MAR AIR CONT SQ/MACS/MTDS	MAINT MGT OFF / CAPT N 0402	SA 2	820601 / 821130
LFTC LANT LITTLE CREEK NORVA / SERVICE SCHOOL - OOJ	STUDENT / CAPT N	AT 8	820927 / 821022
LFTC LANT LITTLE CREEK NORVA / SERVICE SCHOOL - OON	STUDENT / CAPT N	AT 8	821025 / 821119

Figure 4. Master Brief Sheet

5. By Name Assignment System

Should an officer require schooling between duty stations, the monitor reserves a seat through the By Name Assignment (BNA) system. A monitor can access information such as course name, class seat availability, convening and graduation dates of the class, number of students enrolled in the class, and class completion rosters. This on-line system also allows monitors to enter information about the officer directly to the school the officer will attend. Once the school confirms a seat assignment, then the monitor is able to include the school data in the officer's orders.

BNA is the responsibility of the Military Skills Attainment Section (MPP-80) of Manpower Plans, Policy and Programming Branch. They provide a user's manual (U.S. Marine Corps By Name Assignment Manual, UM-BNA Version 2.3) on the system and can interface directly with the Banyan Vines network.

B. THE ASSIGNMENT PROCESS

After all of the above sources of information are analyzed, the monitor proceeds to fill the available billets with available officers within a given time frame. A monitor's main responsibility is filling vacant billets, not assigning transferring officers to their billet of choice. In other words, the assignment process is billet driven rather than people driven.

The following is an informal description of how a monitor performs his/her assignment. It is important to note the assignment process is largely an art that does not lend itself to rule based or methodical reasoning.

1. First, a monitor analyzes the Command Staffing Report. This will tell him/her where and when billets will become available.

2. Second, the monitor examines the Table of Manpower Requirements for other billets he/she is responsible for filling.

3. With a list of upcoming available billets, the monitor then looks at the Officer Staffing Report for officers who will be available to move. Monitors prioritize the billets that need to be filled as well as the officers available for transfer. The Officer Slate File is used as an important input to this process. Though not strictly applied to all monitors, in general, the hardest billets are filled first and the easiest last (Manpower Management Officer Assignment Presentation, October 1993). Officers are normally rotated into and out of the Fleet Marine Force (FMF) every other tour; those with the oldest Date Arrived U.S. Dependents Restricted (DAUSDR) are considered for assignment to unaccompanied tours.

4. An officer's performance record plays a key role in whether he/she may be assigned to a specific billet. The Master Brief Sheet and fitness report microfiche are important inputs to this process. Other factors, depending on the billet to be filled, are also considered in assigning the officer. These factors include the officer's dependent status (Exceptional Family Member), medical status, legal hold status, etc.

5. When an officer accepts an assignment, the monitor makes changes to the Officer Slate File to update officer information. Periodically, MMOA invokes a brief sheet

algorithm to print a brief sheet on this officer. The brief sheet is the means to approving the tentative assignment up the chain of command. Depending on the type of assignment, the routing process usually takes about one week from the time the brief sheet leaves the monitor's desk.

6. The final assignment is either approved or disapproved by the chain of command. If approved, then orders may be written and sent to the officer. If disapproved, the assignment is "scrubbed" and the whole process is repeated.

To accomplish the above list of tasks, a monitor has to sort through enormous amounts of information. To complicate matters further, most of the information collected cannot be related easily, making his/her job cumbersome and time-consuming. The ability to access up-to-date information quickly and relate them easily would greatly increase the efficiency and effectiveness of the assignment process. This ability can be provided through a client-server based application that periodically downloads up-to-date information from various sources to a server database accessible by monitors.

The application will only download data from various sources, thus the cognizant branches will continue their responsibility of creating and maintaining the information in their respective systems. Only monitor accessible information need to be maintained by MMOA.

C.   REQUIREMENTS COLLECTION

In this phase of data modeling, users were interviewed to determine data requirements to accomplish their mission. Interviewees included monitors and technical

support personnel. Through an initial visit to Naval Postgraduate School, they provided a list of initial requirements as well as a brief explanation of their duties. Monitors provided input on the assignment process, showing reports and information they utilized. Technical support from MMOA provided the location of each data source used, its format and how it is maintained.

The MASS team followed the initial visit by the monitors and technical support with a visit to the sponsor in Washington, DC to view first-hand the daily assignment process and the sources of information used by the monitors. The team collected information from Officer Slate File, Automated Fitness Report System and Officer Staffing Goal Model sponsors.

Several iterations and discussions followed, including a session where preliminary testing and evaluation of the prototype was conducted by the sponsor, to ensure that the development team's understanding of the data and process requirements matched the users' requirements. A final visit to the sponsor is planned to demonstrate the final version of the prototype and indicate future enhancements.

The next chapter presents the conceptual data model for the prototype. This conceptual model includes a description of the entities, their data types, relationships and constraints in the users' work environment.

III. CONCEPTUAL DESIGN

This chapter addresses the conceptual design phase of MASS. In the conceptual design phase, the data requirements identified by the users are translated into a high level conceptual data model. The conceptual model provides a description of the data requirements of the user and includes detailed descriptions of data entities, attributes, relationships and constraints. The resulting data model helps confirm or reassess the user's view of their world.

There are several methodologies for conceptual data modeling, for example, the Entity-Relationship model and the semantic object model. The Entity-Relationship (E-R) diagram is used in this thesis as the conceptual model of choice.

The Excelerator CASE tool is used to develop the E-R diagram and its associated data dictionary. This Windows based tool assists designers in building E-R diagrams and ensuring proper documentation of the data model.

The initial conceptual design was based on an ideal normalized view of the users' data requirements, without consideration of operational or performance issues. With further consideration of the operational requirements, a more practical denormalized conceptual design was developed to facilitate downloading of data from the various flat file systems currently used by the Marine Corps to the PC-based system. This thesis presents both approaches so that any future full conversion from the existing flat file

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system to relational database may incorporate the ideal normalized view of the users' requirements.

This chapter is organized as follows. The first section presents an overview of Entity-Relationship modeling concepts. The following section develops an Entity-Relationship Model for MASS, in both an ideal normalized and practical denormalized forms.

A. ENTITY-RELATIONSHIP MODELING OVERVIEW

The Entity-Relationship (E-R) model comprises three common constructs, namely entities, attributes and relationships. An *entity* is a representation of a real world object with independent existence. Entities are usually described by nouns and represented in an E-R diagram as a rectangle. For example, as shown in Figure 5, a real world Marine Corps officer in an application domain is represented by PERSON entity.

A *weak entity* type is an entity that is dependent on another entity for its existence. Thus, a DEPENDENT is a weak entity to PERSON because a DEPENDENT's existence depends on it being associated to a PERSON. A weak entity type is identified in an E-R diagram by a double line rectangle, as shown in Figure 5.

Entities have properties called *attributes* that describe them. As an example, we can describe a PERSON entity by attributes such as Social Security Number, Last Name, First Name, etc. These attributes may be single valued or multivalued. An example of a single-valued attribute is the Age of PERSON. For each entity instance of PERSON, this PERSON may have only one Age value. On the other hand, a PERSON may have

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received one award while another PERSON may have received two, and so on. Thus the attribute Awards have several values, and is therefore a multivalued attribute.

Attributes are sometimes shown in ellipses attached to the corresponding entity. To avoid cluttering the diagram, however, entities are usually listed separately.

An important attribute of an entity is the key attribute. A key attribute is an attribute or a combination of attributes whose values are unique for each entity. For example, Social Security Number is the key attribute of an entity PERSON, since it is the attribute that uniquely identifies the PERSON. No other PERSON may have the same key attribute value. Key attributes in E-R diagrams are shown underlined within an ellipse or defined as such in the data dictionary. Excelerator identifies the key attributes by placing a letter "k" in the Type column or numbered if more than one attribute is the key. See Appendix A and B for the data dictionary for MASS.

A *relationship* is an association between entities. It is represented by a diamond connecting the entities participating in the relationship and described using a verb. For example, as shown in Figure 5, Claims is the relationship between entity PERSON and DEPENDENT. A relationship is characterized by its degree, cardinality ratio and participation constraint.

The *degree* of the relationship type is the number of participating entity types. A relationship of *degree* two, commonly called a binary relationship, involves two entities while a ternary relationship involves three. For example, in Figure 5, the relationship

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Claims between PERSON and DEPENDENT is of degree two, or binary, because two entities are involved.

Cardinality ratio specifies the maximum number of instances that an entity participates in. There are three types: one-to-one (1:1), one-to-many (1:M) and many-to-many (M:N). A 1:1 relationship exists if one instance of an entity relates to one instance of another entity. A 1:M relationship is illustrated when an entity has more than one relationship to another entity, i.e. a PERSON may have more than one FITREP written about him/her but a FITREP is related to only one PERSON. A M:N relationship exists when many instances of an entity relate to many instances of another entity. This is a complex relationship that is usually represented by breaking up the M:N relationship into two 1:M relationships with a third entity acting as the associative entity. Cardinality ratios are placed on the connecting lines between two entities and their relationship types. See Figure 5 for the diagramming notation.

A *participation constraint* specifies whether the existence of an entity instance depends on it being related to another entity via the relationship. The participation constraint types are mandatory and optional. A mandatory constraint means that every instance of an entity must be associated with an instance of another entity. An optional relationship means an instance of an entity can exist without being associated with an instance of another entity. An example best illustrates this concept. A mandatory relationship exists between PERSON and ASSIGNMENT. This means a PERSON must always be related to an ASSIGNMENT, whether it be a permanent assignment or a

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temporary one. An optional relationship exists between a PERSON and DEPENDENT.
It is not necessary for a PERSON to have DEPENDENTS for an instance of PERSON
entity to exist.

This thesis identifies participation constraints by using hash marks to indicate a
mandatory constraint and zero to indicate an optional constraint. This is indicated on the
connecting line near each entity. For example, consider the relationship between
PERSON and DEPENDENT in Figure 5. The hash line through the connecting line near
the PERSON side indicates that an instance of PERSON entity must exist in order for a
related DEPENDENT entity instance to exist. On the opposite direction, the zero on the
DEPENDENT side's connecting line indicates that an instance of the DEPENDENT entity
does not need to exist for a PERSON entity instance to exist.
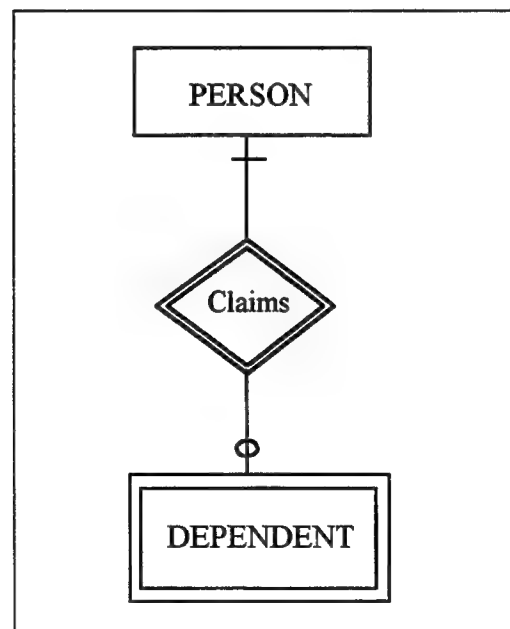
Figure 5. Entity-Relationship Diagramming Conventions

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B.   CONCEPTUAL DESIGN FOR MASS

Two models for the conceptual design for MASS are developed in this thesis. The first is the ideal, normalized conceptual design, and the second is the practical, denormalized conceptual design. This section discusses both models.

1.   Ideal Normalized Conceptual Design

The ideal normalized design for MASS consists of ten entities and nine relationships. The Entity-Relationship diagram that describes the ideal normalized design along with its data dictionary is shown in Appendix A. Each entity, its attributes and relationships is described below in some detail.

a. *PERSON Entity*

The central entity in the model is the PERSON entity. It is developed utilizing the Officer Slate File, shown in Figure 3 of Chapter 2, as the primary data source. A PERSON describes a Marine Corps Officer in the assignment process. The PERSON entity is uniquely identified by Military Identification Number (MID). Other attributes of PERSON entity include First Name, Last Name, Primary Military Occupational Specialty, etc.

A PERSON has a 1:M optional relationship to FITREP, EDUCATION, AWARD, SENSITIVE DATA and DEPENDENT weak entities. A PERSON instance must exist in order for the other entity instances to exist. A PERSON has a 1:M mandatory relationship to ASSIGNMENT.

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b. *FITREP Entity*

This entity describes performance evaluations of a Marine Corps officer. The Automated Fitness Report System is the data source for this entity. Its identifier consists of the attributes Military Identification Number, Occasion Code, Report From Date and Report To Date. Other attributes include the grades given on performance and qualities, value to the Marine Corps and distribution among officers of the same category within the Marine's Command. FITREP has a M:1 mandatory relationship to PERSON and is a weak entity.

c. *EDUCATION Entity*

This entity describes the education an officer receives, whether they be courses within the Marine Corps or outside of it. Also included in this entity are certificates or diplomas received. The Officer Slate File is the data source for this entity. This entity's identifier consists of the officer's Military Identification Number and Completion Date. Other attributes of EDUCATION include: Start date, Education Type, and School Service Code. This entity has a M:1 mandatory relationship to PERSON and is a weak entity.

d. *AWARD Entity*

AWARD describes all the awards an officer may receive while serving in the Marine Corps. The Officer Slate File is the data source for this entity. Its identifier consists of the officer's Military Identification Number, Award Date, and Award Code.

One other attribute completely describes the entity: Award Description. AWARD has a M:1 mandatory relationship to PERSON and is a weak entity.

e. SENSITIVE DATA Entity

This entity contains sensitive information about an officer that is for official use only. The Officer Slate File is the data source for this entity. Its identifier consists of Military Identification Number and Sensitive Date. One other attribute that describes this entity is Sensitive Information. SENSITIVE DATA has a M:1 mandatory relationship to PERSON and is a weak entity.

f. DEPENDENT Entity

This entity describes the dependents of a Marine officer. The Officer Slate File is the data source for this entity. Its identifier is Dependent Social Security Number. Other attributes include the dependent's First Name, Last Name and Date of Birth. It has a M:1 mandatory relationship to PERSON and is a weak entity.

g. ASSIGNMENT Entity

This entity describes the assignments held by the officer during his/her career. The Officer Slate File is the primary data source. Its identifier includes: Military Identification Number, Monitored Command Code, Demand Military Occupational Specialty, Demand Grade, the officer's Primary Military Occupational Specialty and Paygrade at the time of assignment. Other attributes include Date Assignment Began, Date Assignment Ended, and Tour Control Factor. ASSIGNMENT has a M:1 mandatory relationship to PERSON and STAFFING GOAL and is an associative entity.

h. *STAFFING GOAL Entity*

This entity provides the "best" type of officer for the billet identified. The Officer Staffing Goal Model output based on Authorized Strength Requirement is the data source for this entity. Its identifier include Monitored Command Code, Demand Military Occupational Specialty, Demand Grade, the officer's Primary Occupational Specialty, and Paygrade. The only other attribute is the Staffing Goal Quantity. STAFFING GOAL has a 1:M optional relationship to ASSIGNMENT and a M:1 mandatory relationship to ASR.

i. *AUTHORIZED STRENGTH REPORT (ASR) Entity*

ASR is the authorized strength requirement for a given Monitored Command Code for a specific Billet Military Occupational Specialty. The Officer Staffing Goal Model output is the data source. Its identifier consists of Monitored Command Code, Demand Military Occupational Specialty and Demand Grade. The only other attribute is the ASR Quantity. It has a 1:M optional relationship to STAFFING GOAL and a M:1 mandatory relationship to MCC.

j. *MCC Entity*

This entity contains the long name for a given MCC code. Table 01 is the data source of this entity. Its identifier is Monitored Command Code. The other attribute for this entity is MCC Longname. This entity has a 1:M mandatory relationship to ASR.

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2. Practical Denormalized Conceptual Design

The practical denormalized conceptual design consists of five entities and four relationships. Appendix B illustrates the Entity-Relationship diagram, along with its data dictionary, for the practical denormalized design for MASS. Each entity is discussed in some detail in the following sections.

a. MEMBER Entity

The MEMBER is similar to PERSON entity of the ideal design, with the Officer Slate File as the data source. However, this entity includes all the attributes that were contained in EDUCATION, AWARD, SENSITIVE DATA, DEPENDENT and ASSIGNMENT entities. For example, EDUCATION entity is absorbed in MEMBER entity by defining twelve attribute occurrences of service schools attended as well as twelve attribute occurrences of the years the service schools were completed. Since an officer usually has from one to approximately three degrees, the majority of these attributes have null values, but are defined to cater for exception cases.

The reason for this consolidation is to facilitate for downloading of data, as previously discussed. The MEMBER entity identifier is Military Identification Number with other attributes including Primary Military Occupational Specialty, Paygrade, and Slate Present Monitored Command Code. This entity has a 1:M optional relationship to FITREP DETAIL and a M:1 mandatory relationship to STAFFING GOAL.

b. *FITREP DETAIL Entity*

This entity is identical to FITREP entity of the ideal design. The data source is again the Automated Fitness Report System. Its identifier include Military Identification Number, Occasion Code, Report From Date and Report To Date. Other attributes include the grades given in the categories of performance and qualities. FITREP DETAIL has a M:1 mandatory relationship to MEMBER and is a weak entity.

c. *STAFFING GOAL Entity*

STAFFING GOAL, or the "long line" of the Detailed Solution File, is identical to the STAFFING GOAL of the ideal design except it does not have a relationship to an ASSIGNMENT. Rather, this entity has a 1:M optional relationship to MEMBER and a M:1 mandatory relationship to ASR. The Detailed Solution File is the data source of this entity. Its identifier include Monitored Command Code, Demand Military Occupational Specialty, Demand Grade, Primary Military Occupational Specialty and Paygrade of officer. Again, the only other attribute that completes the entity is the Staffing Goal Quantity.

d. *ASR Entity*

The ASR is often referred to as the "short line" of the Detailed Solution File. This entity indicates the total number allocated for a specific Monitored Command Code, Billet Grade, and Billet Military Occupational Specialty. The data source is the Detailed Solution File. Its identifier include Demand Monitored Command Code, Demand Military Occupational Specialty and Demand Grade. The other attribute is the ASR

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Quantity. This entity has a 1:M optional relationship to STAFFING GOAL and a M:1 mandatory relationship to CEF.

e. CEF Entity

As in the ideal design, the CEF is identical to MCC entity. This entity's identifier is the Monitored Command Code. Table 01 is the data source for this entity. Its only other attribute is the Monitored Command Code's plain English name or MCC Long Name. It has a 1:M mandatory relationship to ASR.

The next chapter transforms the E-R models developed in this chapter into a logical database design. This mapping process develops the database model for a specific DBMS Model.

IV. LOGICAL DATABASE DESIGN

Having represented the monitors' data requirements into an E-R diagram, the next phase is to transform the data into database relations and to ensure that no anomalies exist in these relations. This is an important phase toward creating the database using a specific DBMS.

This chapter discusses the relational model, the logical design as well as the practical design for MASS. The overview provides the basic concepts of the relational model used for database design. The section discussing the logical and practical design for MASS presents the relational schemas for both conceptual models developed in the previous chapter.

A. RELATIONAL MODEL OVERVIEW

1. Relational Concepts

A relation is a two dimensional table. Each row or tuple of data represents an instance of an entity. The columns or attributes of the table represent attributes of an entity. A primary key is one or more attributes used to uniquely identify a tuple in a relation. When the key of one relation is stored in a second relation, it establishes a relationship between the two relations and is called the foreign key.

2. Normalization

Normalization is the process of redesigning relations to remove update anomalies which are undesirable properties that result from updating relations. Data

normalization rules aid in designing properly structured tables. These rules are known by most designers as first normal form, second normal form, third normal form, Boyce-Codd normal form, fourth normal form and fifth normal form.

1. First normal form requires that the intersection of a column and row in a table contain a single value, not a list of values.

2. Second normal form requires that each non-key attribute is dependent on the entire primary key.

3. Third normal form requires a relation to be in second normal form and has no transitive dependencies. For example, in a relation having three attributes R(A,B,C), the situation in which A determines B, B determines C and thus indirectly A determines C is an arrangement of functional dependencies called a transitive dependency.

4. Boyce-Codd normal form is a stricter application of third normal form, meaning that every relation in Boyce-Codd normal form is in third normal form, and that every determinant is a candidate key.

5. Fourth normal form requires a relation to be in Boyce-Codd normal form and has no multivalued dependencies.

6. Fifth normal form requires relations that can be divided into subrelations, but cannot be reconstructed. This concept is quite obscure and often cannot be attained in practicality.

The essence of normalization is that every relation must have a single theme. If a relation has two or more themes, it should be broken into relations that have one theme for each relation. Every time a relation is broken, however, it creates a possible need for an interrelation constraint (Kroenke, 1992, pp.175). Also, normalization may not be feasible for operational and performance reasons.

B.   LOGICAL DESIGN FOR MASS

This section discusses relational database design for MASS. Parallel to the approach used in conceptual design, two approaches are described - ideal and practical.

1.   Ideal Normalized Logical Design

Appendix C contains the ideal relational design of MASS. Ten relations are identified and are discussed in the following sections. In the diagram of Appendix C, primary keys are underlined and foreign keys are indicated by an asterisk.

a. Person Relation

Person relation contains information about a Marine Corps officer. This relation is derived from PERSON entity. Other attributes include Last Name, First Name, and Primary Military Occupational Specialty. The primary key for this table is Military Identification Number (MID). It has a 1:M optional relationship to Fitrep, Education, Award, Sensitive Data and Dependent. A 1:M mandatory relationship exists between Person and Assignment relations.

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b. Fitrep Relation

This relation includes all attributes of the fitness report of an officer. It is derived from FITREP entity. The primary keys are Military Identification Number, Occasion Code, Report Begin Date and Report End Date. Other attributes include grades in qualities and performance. It has a M:1 mandatory relationship to Person relation.

c. Education Relation

This relation contains attributes of an officer's education. This includes military education as well as civilian. Education relation is derived from EDUCATION entity. Its primary keys are Military Identification Number and Completion Date. It has a M:1 mandatory relationship to Person relation.

d. Award Relation

This relation includes all awards an officer receives while in the military. It is derived from AWARD entity. Its primary keys are Military Identification Number, Award Date and Award Code. It has a M:1 mandatory relationship to Person relation.

e. Sensitive Data Relation

This relation contains sensitive information on an officer that is pertinent to the assignment process. It is derived from SENSITIVE DATA entity. Its primary keys are Military Identification Number and Sensitive Information Date. The only other attribute of the relation is Sensitive Information.

f. Dependent Relation

This relation contains information about an officer's dependents. It is derived from DEPENDENT entity. Its primary key is Dependent Social Security Number. The foreign key is the officer's Military Identification Number. Other attributes include Dependent Last Name, First Name, and Date of Birth. It has a M:1 mandatory relationship to Person relation.

g. Assignment Relation

This relation contains attributes regarding an officer's assignment history. It is derived from ASSIGNMENT entity. Its primary keys are Military Identification Number, Monitored Command Code, Demand Military Occupational Specialty, Demand Grade, Primary Military Occupational Specialty and Paygrade of the officer when the assignment was made. Other attributes include Tour Control Factor, Permanent Change of Station Code, and Reason for Transfer Code. It has a M:1 mandatory relationship to Person relation. A M:1 mandatory relationship exists between Assignment and Staffing Goal relations.

h. Staffing Goal Relation

This relation contains the output from Officer Staffing Goal Model algorithm. Derived from STAFFING GOAL entity, this relation is often referred as the "long line." The primary keys are Monitored Command Code, Demand Military Occupational Specialty, Demand Grade, Primary Military Occupational Specialty and Paygrade of officer. The only other attribute of the relation is the Staffing Goal Quantity.

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It has a 1:M optional relationship to Assignment relation and a M:1 mandatory relationship to ASR relation.

i. ASR Relation

Often referred as the "short line," this relation is derived from ASR entity. Its primary keys are Monitored Command Code, Demand Military Occupational Specialty, and Demand Grade. The only other attribute of the relation is the ASR Quantity. It has a 1:M optional relationship to Staffing Goal relation and M:1 mandatory relationship to MCC relation.

j. MCC Relation

This relation provides a plain English description of the Monitored Command Codes. The relation is derived from MCC entity. Its primary key is Monitored Command Code. The other attribute is the MCC Long Name. It has a 1:M mandatory relationship to ASR relation.

2. Practical Denormalized Logical Design

In order to facilitate downloading of data from different flat files, a practical design was necessary to overcome constraints that existed in the ideal logical design. A graphical representation is displayed in Appendix D.

Unlike the ideal design, the most significant factors are repeating data, maximum limits on data stored, and inefficient use of data storage. For example, an officer may have attended three service schools while another officer may have attended ten service schools, however, because of the current database structure, there exists empty

storage cells for the other nine service schools for the officer who attended three service schools. The officer who attended ten service schools will only have two empty storage cells for service schools. Though less efficient than the ideal design, this design still contains all the information monitors need to perform their duties. A discussion of each relation of the practical denormalized design follows.

a. Member Relation

This relation contains all the attributes that are included in Education, Award, Dependent, Sensitive Data and Assignment relations. It is derived from MEMBER entity. Its primary key is Military Identification Number. Its foreign keys are Slate Present Monitored Command Code, Assigned Billet Military Occupational Specialty, Assigned Billet Grade, Primary Military Occupational Specialty and Paygrade of officer. Other attributes include Tour Control Factor, Monitor Notes, and Additional Military Occupational Specialty. Member relation has a 1:M optional relationship to Fitrep Detail relation and M:1 mandatory relationship to Staffing Goal relation.

b. Fitrep Detail Relation

This relation contains attributes referring to an officer's fitness report. Derived from FITREP_DETAIL entity, its primary keys are Military Identification Number, Occasion Code, Report From Date and Report To Date. Other attributes include grades given in qualities and performance. It has a M:1 mandatory relationship to Member relation.

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c. Staffing Goal Relation

This relation contains attributes that result from output provided by the Officer Staffing Goal Model, often referred as the "long line." Staffing Goal relation is derived from STAFFING GOAL entity. Its primary keys are Monitored Command Code, Demand Military Occupational Specialty, Demand Grade, Primary Military Occupational Specialty and Paygrade of officer. One other attribute is the Staffing Goal quantity. It has a 1:M optional relationship to Member relation and a M:1 mandatory relationship to ASR relation.

d. ASR Relation

This relation contains attributes that result from the Officer Staffing Goal Model, often referred to as the "short line." Derived from ASR entity, its primary keys are Demand Monitored Command Code, Demand Military Occupational Specialty and Demand Grade. One other attribute is the ASR Quantity. It has a 1:M optional relationship to Staffing Goal relation and M:1 mandatory relationship to CEF relation.

e. CEF Relation

This relation contains attributes that translates a Monitored Command Code to its plain English language. Derived from CEF entity, its primary key is Monitored Command Code. One other attribute is the Monitored Command Code long name. It has a 1:M mandatory relationship to ASR relation.

The next chapter discusses the physical design of MASS using Microsoft's Access DBMS.

V. IMPLEMENTATION

This chapter discusses the implementation of the logical database design into a specific DBMS. This is accomplished by creating DBMS specific tables from the relations defined in the previous chapter.

A.   REQUIREMENTS FOR THE DBMS FOR MASS

It was determined that the DBMS to be used for the prototype must be an application environment with the flexibility to support the following requirements:

1. Generates a graphical based, user-friendly system.

2. Provides a powerful application development environment.

3. Can be used in a client-server environment.

4. Has powerful import capability.

Several DBMS's were considered. These included Paradox, Approach, Superbase and Access. Though all DBMS met the criteria listed above, other factors besides utilizing a graphical user interface directed the choice toward selecting Access as the development application for MASS. These factors were overall user satisfaction, on-line help that was easily understood, and the ease in creating and manipulating the database and its application with little to no requirement for extensive programming.

Access won much praise from developers in the slick way it provided the user on-line help, specifically through its use of cue cards and report and form wizards. Cue cards offer well-focused, interactive help, stepping the developer through multi-step tasks.

Unlike most applications' help windows, cue cards remain onscreen while the user steps through the tasks. Report and Form Wizards enables the developer to create forms and reports by answering questions presented then automatically creates the form or report based on the answers given.

Joining tables in a query to establish their relationship is as simple as dragging the field of one table and dropping it next to the related field of the other table. Access also provides other query types, such as select query, which retrieves data; update query, which changes data globally; and crosstab query, which slices data into useful cross sections.

Access' strength in creating tables (which also exists in other Access facilities) lies in providing the user with default values as entries, such as data field type and data field properties. If Access needs more information, a pop-up dialog box prompts the user to enter information such as field data size, a default value and the number of decimal spaces to display (Coffee, 1993, pp. 270-284). A detailed discussion of these and other Access features is provided in the next section.

Though Access packs an extensive on-line help manual, Microsoft provides easy access to a user support staff via fax, phone and electronic support. Microsoft's CompuServe forums added yet another support dimension to Access users.

Access' ability to allow a user to get a powerful application "up and running" in a short time with minimal programming was a major factor in selecting it as the DBMS of choice for developing MASS.

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B.   MICROSOFT ACCESS™

Microsoft Access provides several capabilities for implementing a database application. These capabilities include Table, Query, Form, Report, Macro and Module facilities.

1.   Table, Query, Form, Report, Macro and Module Facilities

Developing a database application involves developing tables, queries, forms and reports, and combining them using macros and modules into powerful applications. Access offers six facilities for database application development: Table, Query, Form, Report, Macro and Module facilities.

A brief discussion of each facility follows:

a. Table Design Facility

A table is a collection of data about a particular subject. Data is presented in tabular format with columns (fields) and rows (records). Each record consists of the same set of columns and all records in a table describe the same subject.

Clicking on Table followed by New in the database window of Access creates a new table. Tables can be viewed in two ways - *Design* or *Datasheet view*.

Design view is where the properties of a table are specified and changed. Figure 6 illustrates the *design view* of the table design window. After naming the field, the data type is chosen to indicate what type of data will be stored in this field. Access provides eight data types. *Text* data type stores alphanumeric characters up to 255 bytes.

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Memo stores alphanumeric characters that are usually several sentences or paragraphs long up to 32,000 bytes. *Number* data type stores numeric values (integers or fractional values) that may be 1, 2, 4, or 8 bytes long. *Date/Time* data type stores dates and times up to 8 bytes long. *Currency* stores monetary values up to 8 bytes long. *Counter* stores a numeric value that Access automatically increments for each record added and may be up to 4 bytes long. *Yes/No* stores Boolean values of 1 bit length (8 bits = 1 byte). *OLE* (Object Linking and Embedding) Object data type stores OLE objects, graphics, or other binary data up to 1 gigabyte. After a data type is selected, a short description of the data field may be provided in the description box.

Additional properties of each data field defined may be specified or modified in the lower portion of the table design window. This includes field size, format, caption, default value, validation rule, validation text, and index. *Field size* is the size of the field itself. *Format* specifies how the data should be displayed. *Caption* indicates the label for the field when used on a form. *Default value* is a value automatically set for the field when a new record is created. *Validation rule* is an expression limiting the value that can be entered in a field. *Validation text* is the error message that appears when an invalid value is entered in violation of the validation rule. *Index* creates an index on the specified field to speed up sorting and searches on that field.

Indicating the fields that make a record unique in a table is done by highlighting those fields and clicking on the key symbol icon. Although not required, Access can find and retrieve data faster when a primary key is known, and the user has

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more flexibility in the ways data is updated. Access also allows the creation of

relationships between tables so data in the separate tables are associated correctly.

The *Open* or *Datasheet view* of a table is where data may be added,

deleted, updated, or viewed. First the desired table is highlighted, then either the Open

button is clicked, or if in the *design view* of the desired table, then the datasheet icon is

clicked. Data may then be inserted or existing data may be viewed or modified.

Field Name	Data Type	Description
MAC	Text	Monitor Activity Code-monitor responsible for assigning officer
MID	Text	Military Identification Number- zero+SSN
ODAUS	Date/Time	Original Date Arrived US dependents restricted
PEAS	Date/Time	Projected Expiration of Active Duty
SPMCC	Text	Slate Present Monitored Command Code-MCC presently assigned
SEDD	Date/Time	Slate Estimated Date of Departure-date officer leaves present cor
PGRD	Text	Paygrade of Officer
SGRD	Text	Select grade (for promotion purposes) of officer
PMOS	Text	Primary Military Occupational Specialty-denotes officer's skills and
MOS1	Text	Additional Military Occupational Specialty 1
MOS2	Text	Additional Military Occupational Specialty 2

Table: tbl_MEMBER

Field Properties

Field Size	2
Format	
Caption	
Default Value	
Validation Rule	
Validation Text	
Indexed	No

A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.

Figure 6. Table Design Window

b. *Query Facility*

A question about the data in a database is formulated in the query facility.

A query brings requested information together. The data that answers the question may

come from one or more tables. Access refers to the set of records that answer the

question a *dynaset*.

Access utilizes the Query object window to create a query. If a query has not been previously saved, the new query button is selected. Access then brings up a list of tables to query from. Double clicking on the selected tables places the table on the upper portion of the query window. Fields from the tables in the upper window may then be selected for viewing or constructing criterias on the field. The selected fields are placed in a cell in the lower portion of the query window.

Clicking on the exclamation point icon runs the query and displays a *dynaset* table based on the criteria set in the query window.

c. *Form Facility*

A form is a convenient means to update and view data. The user specifies how the data will be displayed on a form through this facility. A form may be set up to automatically fill in data, highlight important data by using a color palette and switch between form view and datasheet view.

Clicking the Form button followed by New creates a new form. A window is displayed allowing user to select between using Form Wizard or Blank Form to design the form. The Form Wizard prompts the user with questions about the form desired and then builds the form based on the user's answers. Form Wizard helps build single-column forms, tabular forms and a form with a subform or a graph.

d. Report Facility

A report provides the presentation of data on the printed page or display screen. It may also show totals and grand totals across a set of records.

Clicking the Report button followed by the New button creates a new report to be designed. To assist the user in creating reports, Access provides Report Wizard. A Report Wizard asks the user questions about the report and creates the report based on the answers provided by the user. Report Wizard can create a single-column report, a groups/totals report and mailing labels.

e. Macro Facility

A macro is a list of actions to be performed. Utilizing macros allow automating actions without programming. Macros may be attached to forms, reports, control, key combination, or menu command.

Clicking the Macro button followed by the New button creates a new macro. The series of actions to be carried out are indicated in the Actions box of the Macro window. A window associated with each selected action guides the user to input needed information for the macro to work properly. A short paragraph to the right of the lower window informs the user the purpose of the action and what type of information is needed in the fill boxes. A description of the macro action is helpful and may be entered in the Comment box to the right of the Action box.

f. Module Facility

Modules are the means to attain the greatest possible control over the database. The module facility allows the user to write code using Access Basic language to perform various functions. Though more complex, the flexibility and power provided more than rewards the user.

2. Import Capability

As stated in the requirements, a powerful import capability was necessary to implement MASS. This feature is provided in Access. Data may either be attached or imported to the database.

Attached tables may be an Access table from another database or a different database format such as dBase, Paradox, Btrieve, SQL Server and others. Data remains stored in a different database yet allows user to view, update and combine information.

Imported data may come from spreadsheet files, text files and other file formats. The imported data is copied from the source file to a new Access table.

3. Relationship Capability

Creating default associations between two related tables helps Access work smarter. Relationships are created by associating primary key field(s) in one table with matching key fields in another table. Access uses the values in the fields to associate the records correctly. (Microsoft Access Getting Started, 1993, pp. 48)

C. IMPLEMENTATION OF MASS

1. Table Implementation

Creating the tables in Access for MASS was initiated through the import-export capability of Access. Data field names in Access were selected to be identical to the field names created by the data source system. For example, an officer's Primary Military Occupational Specialty is labeled PMOS, just as the Officer Slate File labels this data field.

Most data fields were set as text fields, unless it was not feasible to do so. For example, numbers were left as text data types unless calculation was required on those data fields. The reason for keeping many number fields, such as Military Occupational Specialty and Military Identification Number, as *text* data types is that the *number* data type truncates leading zeros. Monitor notes were imported as a *memo* data type, since monitor notes are longer than the allowable size of *text* data type. Dates could have been imported as date fields but Access 1.1 did not support the date field format of YYMMDD. The conversion to an appropriate date type occurred after importing the data.

To implement the practical relational model developed in Chapter 5, the following tables were created using Access import-export facility: tbl_ASR, tbl_CEF, tbl_FITREPDETAIL, tbl_MEMBER and tbl_STAFFING_GOAL. These are the working tables for the system. Appendix E lists the properties of each table including: data field

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name, data type, data length and index name. Index name identifies whether the data field is a primary key or a reference to other tables, i.e. foreign key.

Other tables were created to serve as look up tables. They include tbl_CEDL, tbl_CEF, tbl_CLA, tbl_COMP, tbl_DEPN_REL, tbl_DSC, tbl_DULIM, tbl_ETHNIC, tbl_EXCPTN, tbl_LANG, tbl_MARST, tbl_MOS, tbl_ORFLG, tbl_PDU and tbl_PCS. These tables reduce the need to keep paper indexes of code tables and allows "hot key" capability within the system. Look up tables are also listed in Appendix E. tbl_CEDL provides Civilian Education Certificate Level codes and their meaning; for example, Code 1 indicates a Civilian Education Certificate Level of less than a High School Diploma. tbl_CLA provides codes and meanings to Contract Legal Agreement; for example, code A indicates Limited Duty Officer in a permanent status. tbl_COMP provides codes and meanings to Component Branch of Service; for example, code 11 means United States Marine Corps component branch. tbl_DEPN_REL provides codes and meanings to Dependent Relationship; for example, code W0 means wife. tbl_DSC provides codes and meanings to Deployment Status; for example, a code 0 means not scheduled or no deployment completed. tbl_DULIM provides codes and meanings to Duty Limit status; for example, a code M indicates a Marine is the sole surviving son. tbl_ETHNIC provides codes and meanings to Ethnic background; for example, a code 1 means other Hispanic descent. tbl_EXCPTN provides codes and meanings to Slate Exception; for example, a code P means an exception to policy. tbl_LANG provides codes and meanings to foreign Language proficiency; for example, a code F1 means proficient in French. tbl_MARST

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provides codes and meanings to Marital Status; for example, a code D means divorced.

tbl_MOS provides codes and meanings to all Military Occupational Specialties that exist

in the Marine Corps; for example, a code 0202 means Intelligence Officer. tbl_ORFLG

provides codes and meanings to Orders Release Flag; for example, a code M indicates

orders have been sent. tbl_PDU provides codes and meanings to Preference of Duty by

MCC; for example, a code Y05 means Fleet Marine Force East Coast. tbl_PCS provides

codes and meanings to Permanent Change of Station; for example, code AA means

Accession from within the continental United States (CONUS).

After MASS tables have been initially created, a daily download from the

various source files will refresh the contents of these tables. Only those data fields the

monitors do not update will be downloaded. The monitor updatable fields will remain

unchanged during the update process.

To update the tables in MASS, Query and Macro objects in Access were

utilized. A query update was created to facilitate updating tbl_MEMBER,

tbl_FITREPDETAIL, tbl_ASR, tbl_STAFFING_GOAL and tbl_CEF. The queries were

then attached to a macro command so that one button may be selected to accomplish the

following tasks.

1. A backup of the existing table is made.

2. The import-export facility created for the selected table is invoked.

3. Data not updated by monitors is imported to a temporary table.

4. Existing table is updated from temporary table through query update set up for that table. New records are added and obsolete records are deleted in the MASS database.

5. Temporary table is deleted.

Appendix F lists the Access Basic Macros for data downloading.

2. Import Module Implementation

The import structure shown in Figure 7 is the actual import structure for tbl_MEMBER table from the mainframe Officer Slate File fixed width text file. The field name specified are acronyms familiar to the users. The data dictionary provided by MMOA assisted in determining the start of each field and its length.

Figure 7. Import-export Setup

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After the import-export file is defined, importing the data can begin. The File

menu is displayed and Import is selected. The location of the data source, whether the

data to be imported will be a new table or appended to an existing table, and the file type

of the data source are specified. Clicking on import begins the importing process. Access

informs the user when the import function is completed and displays appropriate messages

if any errors occur.

3. Relationship Implementation

After importing the working tables, they must be associated to improve the

performance of queries. The relational schema developed in Chapter 5 is again useful in

setting up the relationships. Associating tables is done through the relationship facility, as

illustrated in figure 8.
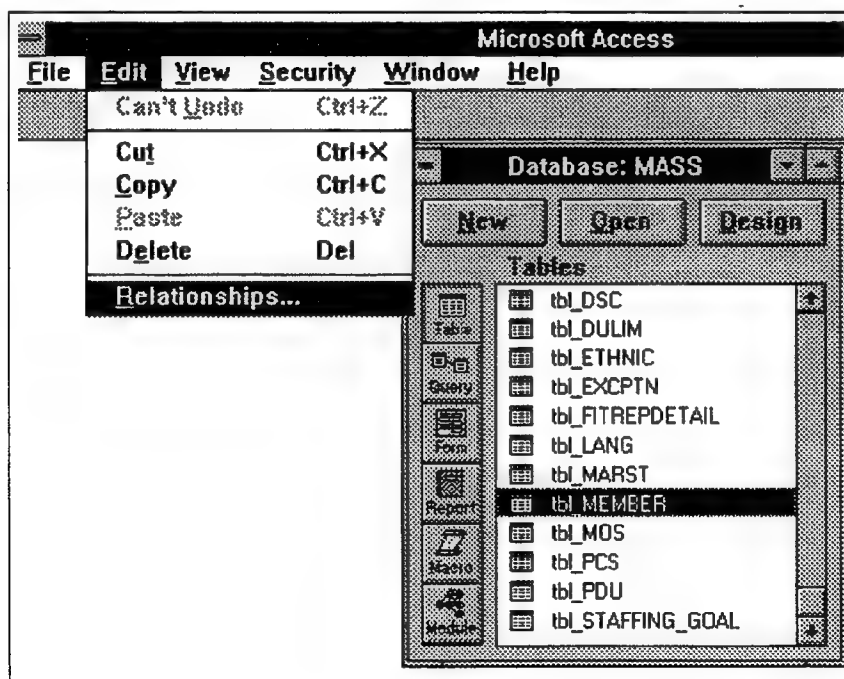
Figure 8. Editing Relationship Setup

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Figure 9 shows the relationship facility window activated to associate

tbl_MEMBER as the primary table and tbl_FITREPDETAIL as the related table. The

relationship type between tbl_MEMBER and tbl_FITREPDETAIL indicates *many* (i.e.

tbl_MEMBER has a 1:M relationship to tbl_FITREPDETAIL) with MID being the

matching field in the two tables.

Figure 9. Relationship Setup

This chapter concludes the phases of system development for MASS. The next

chapter addresses the lessons learned from developing the prototype and future

enhancements to the system.

VI. LESSONS LEARNED AND FUTURE WORK

This chapter discusses the problems encountered and lessons learned in the process of developing MASS.

A.   LESSONS LEARNED

The lessons are divided into two categories - data related lessons learned and procedural lessons. These lessons are discussed in the following sections.

1. Data Issues

Data to be imported to the MASS prototype was in the form of fixed width text files supplied on floppy disk. The following observations and problems were noted when data was imported to an Access database table:

1. The data dictionary that came with text files proved very useful, cutting import setup time.

2. Dates were packed, making it difficult for Access to import them properly. After discussing this problem with the sponsor, it was decided to unpack these data types prior to downloading the data.

3. Dates were in the format YYMMDD. This is a problem only in Access Version 1.1 but not in Version 2.0.

4. Dates that came in YYMM text format were converted to YYMMDD date/time data type format using a query update to the table. DD was automatically assigned 01 by Access when a day was not present.

5. MOS files were initially imported as number data type. Doing so truncated the leading zeros. Importing MOS as a text field remedied this situation.

6. Data for import must be delimited properly. Specifically, because the data for import is a fixed width text, there are no means to distinguish the beginning and end of a data field unless they are consistently delimited. Data fields must be placed consistently in the same column position in each record and separated by delimiters.

7. Data values of PDU codes imported into tbl_PDU did not correspond with data in PDU data field of tbl_MEMBER. Some of the data in PDU in tbl_MEMBER are consistent with the codes in tbl_PDU but others appear to be MCC codes. This problem could be due to change of procedures or an error that needs to be corrected.

8. While MID is the identifier to tbl_MEMBER, the data given by sponsors was in the SSN format. A Marine Corps MID is identified by the leading zero in SSN. To remedy this, zeros must be added in front of SSN data or, because the Officer Slate File already stores MID values in the mainframe, downloading this data field instead of SSN should correct the problem.

9. Due to limitations in text editors, each record in the Officer Slate File occupied two text lines when the records were transferred from the main frame to floppy disk. Thus, to ensure the downloading of data occurred correctly, the records had to be divided into two parts. The sponsor realizes the limitations of text editors

and believes the downloading of data directly from the mainframe to the client server will be a smooth one.

10. Downloaded data contained several redundant records in the Officer Slate file that prevented Access from creating a primary key to uniquely identify each record. Handling redundant records required the use of a query update to search for redundant records and delete them.

11. A "paper trail" would have been helpful in validating data to ensure import executed properly and that data was consistent. For example, an officer was assigned to a specific Assigned Billet Military Occupational Specialty (ABMOS) and Assigned Billet Grade (ABGRD) within an MCC but this combination of data did not have a matching record in the Staffing Goal table. Thus, either the Staffing Goal table is not valid or the data combination in the officer's Slate File report was not a correct combination.

2. Procedural Issues

Much explaining and understanding had to be accomplished in order to fully make use of the Detailed Solution file. The Detailed Solution file played a significant role in generating Command and Officer Staffing Reports, determining billet shortages and officers assigned to billets.

The following were learned when Detailed Solution was implemented:

1. Monitors use data fields ABMOS and ABGRD as well as PMOS and PGRD, found in the Officer Slate file, when comparing and assigning an officer to an

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authorized strength requirement in the Detailed Solution file. To simplify tracking of officers against billets, the utilization of information in the Table of Organization is recommended. The Table of Organization (TO) and Table of Organization Line Number (TOLN) codes seem to uniquely identify each billet within a Monitored Command Code.

2. Because of the redundancy in the number of Staffing Goals within the Detailed Solution file, duplicate records in tbl_STAFFING_GOAL had to be summed so that primary key fields could be identified. Access cannot properly update and delete records unless it knows specifically which records to update and delete. A query update to the table was created to sum the quantities and in the process of running the query update, Access created an extra data field to capture the count.

B.   CONCLUSION AND RECOMMENDATIONS

Developing MASS using a rapid prototyping approach was beneficial in encouraging active user participation and, through its iterative nature, was helpful in identifying the users' actual requirements. The lessons learned and discussed in the previous section should be helpful when full implementation of a production version is determined.

The full support received from the sponsors enabled the developers to follow a scheduled completion time. The repeated visits between sponsors and developers allowed for the exchange of needed information and helped the development team to gain first

hand experience of the assignment process. We believe that implementing MASS would solve the monitors' problems and benefit them in performing their duties.

Access DBMS provided a good environment for application development. Upgrading to the latest version would eliminate many of the problems encountered during the prototype development.

Finally, consideration should be given to incorporating expert system technology with the developed prototype. This approach would enable expertise of experienced monitors to be captured into the system and used in assisting less experienced monitors in making assignment decisions.

IDEAL NORMALIZED E-R DIAGRAM FOR MASS
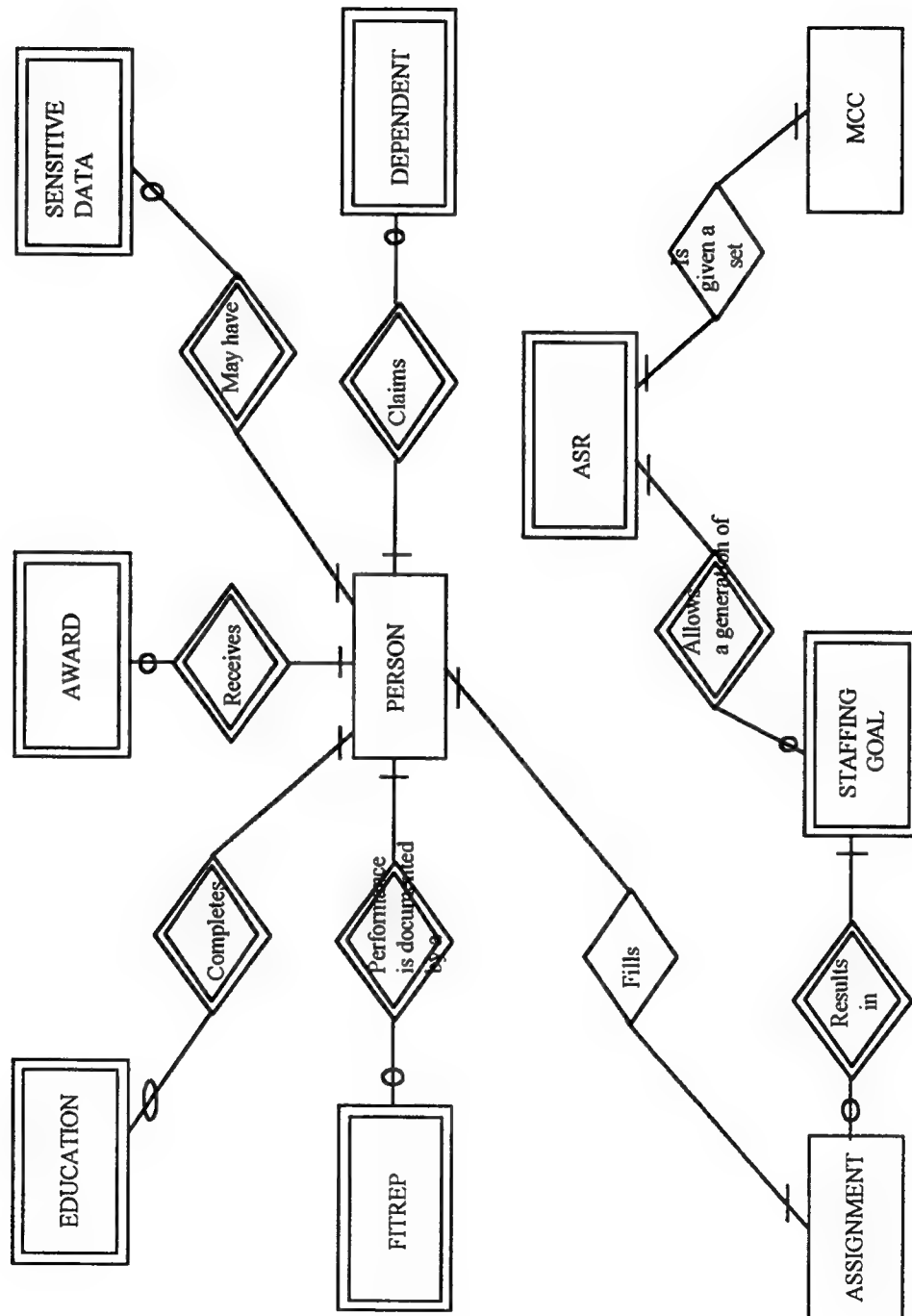
NAME: ASR   DEFINITION:
ALIAS: Authorized Strength Requirement   N

ELEMENT/RECORD   OFF OCC TYPE LEN DEFINITION
-- --- --- ---- --- --

DEMAND_MCC   000 001 1   003 Billet MCC

DEMAND_MOS   003 001 2   004 Billet MOS

DEMAND_GRADE   007 001 3   001 Billet Grade

ASR_QUANTITY   008 001 E   002 Number authorized for given ASR record

TYPE Element   NAME DEMAND_MCC

    Alternate Names

    Column Name

    Definition   Billet MCC

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "CEF Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   DEMAND_MCC
    Short Header   DEMAND_MCC
    Base or Derived B
    Data Class
    Source   Detailed Solution

        Satisfies Requirement: Associated Entities:
 Type Name   Type   Name

                        Description
 This value comes from the Detailed Solution Algorithm.

    Modified By   mass   Date Modified 940902   # Changes 2
    Added By   mass   Date Added   940331
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DEMAND_MOS

   Alternate Names

   Column Name

   Definition   Billet MOS

   Input Format   9999
   Output Format   9999
   Edit Rules   From "MOS Table"
   Storage Type   C
   Characters left of decimal 4   Characters right of decimal   0

   Default
   Prompt
   Column Header   DEMAND_MOS
   Short Header   DEMAND_MOS
   Base or Derived B
   Data Class
   Source   Detailed Solution

       Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                            Description

   Modified By   mass   Date Modified 940902   # Changes 1
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DEMAND_GRADE

   Alternate Names

   Column Name

   Definition   Billet Grade

   Input Format   X
   Output Format   X
   Edit Rules
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header   DEMAND_GRADE
   Short Header   DEMAND_GRADE
   Base or Derived B
   Data Class
   Source   Detailed Solution

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                        Description

   Modified By   mass   Date Modified 940902   # Changes 1
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ASR_QUANTITY

   Alternate Names

   Column Name

   Definition   Number authorized for given ASR record

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   Detailed Solution

       Satisfies Requirement: Associated Entities:
  Type Name   Type Name

                        Description

   Modified By   mass   Date Modified 940902   # Changes 1
   Added By   user   Date Added   940812
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

NAME: ASSIGNMENT   DEFINITION:
ALIAS: Assignments held by Marine officer   Y

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MID	000	001	1	010	Military ID
MCC	010	001	2	003	Monitored Command Code - Present
TON	013	001	3	005	Table of Organization Number at PMCC
TOLN	018	001	4	005	Table of Organization Line Number
FRDATE	023	001	5	006	From date - date officer arrived at command
TODATE	029	001	E	006	To Date - date departed from command
ORTRDT	035	001	E	006	Orders Transaction Date
ORFLG	041	001	E	001	Orders release flag
TCF	042	001	E	002	Tour Control Factor
SCHG	044	001	E	001	Published Slate Change Flag
EXCPTN	045	001	E	001	Exception during slating
PCSC	046	001	E	002	Permanent Change of Station Code
RFT	048	001	E	001	Reason for Transfer
OTTC	049	001	E	003	Orders Type Transaction Code
MOBEX	052	001	E	005	Mobilization Exception
AASGNF	057	001	E	001	Advance Assignment Flag
GEOLOC	058	001	E	003	Geographic location of duty station
RUC	061	001	E	005	Reporting Unit Code
PCSC	066	001	E	002	Permanent Change of Station Code
SCAT	068	001	E	001	Strength Category Code
BMOS	069	001	E	004	Billet Military Occupational Specialty
BGRD	073	001	E	000	

TYPE Element   NAME AASGNF

Alternate Names

Column Name

Definition   Advance Assignment Flag

Input Format   9
Output Format   9
Edit Rules   0, 2-4, or blank
Storage Type   C
Characters left of decimal 1   Characters right of decimal 0

Default
Prompt
Column Header   AASGNF
Short Header   AASGNF
Base or Derived B
Data Class
Source   Slate File in Quantico MFrame

     Satisfies Requirement: Associated Entities:
Type Name   Type Name

Description
Code used to release information on advance assignemnts such as:
   Advance Monitored Command Code (AMCC),
   Advance Estimated Date of Arrival (AEDA),
   Advance Geographical Location (AGLC),
   Advance Geographical Location Estimated Date of Arrival (AGLCEDA),
   and Future Monitored Command Code (FMCC).

Monitor updatable.

Modified By   mass   Date Modified 940701   # Changes 5
Added By   mass   Date Added   940322
Last Project   mass
Locked By   Date Locked   0   Lock Status

```
TYPE Element                            NAME BGRD

    Alternate Names

    Column Name

    Definition      Billet Grade

    Input Format    99X
    Output Format   99X
    Edit Rules      From "PGRD Table"
    Storage Type    C
    Characters left of decimal 3      Characters right of decimal   0

    Default
    Prompt
    Column Header   BGRD
    Short Header    BGRD
    Base or Derived B
    Data Class
    Source          Slate File from Quantico MFrame


        Satisfies Requirement:              Associated Entities:
   Type  Name                          Type  Name


                         Description


    Modified By    mass         Date Modified  940902    # Changes  1
    Added By       mass         Date Added     940902
    Last Project   mass
    Locked By                   Date Locked    0         Lock Status
```

TYPE Element   NAME BMOS

   Alternate Names

   Column Name

   Definition   Billet Military Occupational Specialty

   Input Format   9999
   Output Format   9999
   Edit Rules   From "MOS Table"
   Storage Type   C
   Characters left of decimal 4   Characters right of decimal   0

   Default
   Prompt
   Column Header   BMOS
   Short Header   BMOS
   Base or Derived   B
   Data Class
   Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                         Description
   These fields use the same codes:
     ABMOS-assigned billet MOS
     BMOS-billet MOS
     FABMOS-future assigned billet MOS
     SIMOS-slate intended MOS

   Modified By   mass   Date Modified 940322   # Changes 6
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FRDATE

    Alternate Names

    Column Name

    Definition   From date - date officer arrived at command

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   FRDATE
    Short Header   FRDATE
    Base or Derived B
    Data Class
    Source   Designed

       Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                         Description
Date arrived to command.

VEF data fields:
  Former_Geoloc_DCTB (past1 duty station begin date)

Officer Slate File fields:
  DCTB (date current tour began)
  GLCDCTB (geographic location date current tour began) [same date as
DCTB?]
  SEDA (slate estimated date of arrival)
  FTOEDA (future table of org est. date of arrival) [same date as SEDA?]
  SAEDA (slate AMCC estimated date of arrival) [same as SEDA?]
  AGLCEDA (advance geoloc est. date of arrival) [same as SEDA?]
  SIEDA (slate intermediate date of arrival) if using intermediate
billets

Only future arrival date is monitor updatable.

    Modified By   mass   Date Modified 940204   # Changes 9
    Added By   mass   Date Added   940202
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME GEOLOC

    Alternate Names

    Column Name

    Definition   Geographic location of duty station

    Input Format   99X
    Output Format   99X
    Edit Rules   00X-99X or blank
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   GEOLOC
    Short Header   GEOLOC
    Base or Derived B
    Data Class
    Source   Various (see description)

        Satisfies Requirement: Associated Entities:
  Type Name   Type Name

                          Description
  VEF fields:
    Geo_loc_code

  OSF fields:
    AGLC - Advance Geographic location

    Modified By   mass   Date Modified 940902   # Changes 4
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MCC

    Alternate Names

    Column Name

    Definition   Monitored Command Code - Present

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "CEF" Table
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   MCC
    Short Header   MCC
    Base or Derived B
    Data Class
    Source   Command English File

     Satisfies Requirement: Associated Entities:
Type Name   Type   Name

Description

Don't have codes for look up table "MCC." Refer to JUMPS/MMS Codes
Manual (Chapter 5) for valid codes.

VEF fields:
  Last_MCC (past2 duty station MCC)
  Former_MCC (past1 duty station MCC; same as FMMCC?)

Officer Slate File fields:
  SFMCC (slate future MCC)
  SAMCC (slate advance MCC)
  FMCC (future MCC)
  SPMCC (slate present MCC)

Only future MCC should be monitor updatable.

Modified By	mass	Date Modified	940331	# Changes 6
Added By	mass	Date Added	940202	
Last Project	mass			
Locked By		Date Locked	0	Lock Status

TYPE Element   NAME MOBEX

   Alternate Names

   Column Name

   Definition   Mobilization Exception

   Input Format   XXXXX
   Output Format   XXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 5   Characters right of decimal   0

   Default
   Prompt
   Column Header   MOBEX
   Short Header   MOBEX
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

      Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
Exception code used to show an exception to assignment policy in regards
to Assigned Billet Grade (ABGRD) and Assigned Billet Military
Occupational Specialty (ABMOS) for that Military Command Code (MCC).

This element is new and will be used in the future as appropriate
exception codes are detrmined.

Monitor updatable.

   Modified By   mass   Date Modified 940322   # Changes 0
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ORFLG

    Alternate Names

    Column Name

    Definition   Orders release flag

    Input Format   X
    Output Format   X
    Edit Rules   From "ORFLG Table"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   ORFLG
    Short Header   ORFLG
    Base or Derived B
    Data Class
    Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
    Monitor updatable.

    Means the orders release process is initiated. The code reflects
    whether the orders were released by message or by automated orders
    writing process.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ORTRDT

   Alternate Names

   Column Name

   Definition   Orders Transaction Date

   Input Format   999999
   Output Format   999999
   Edit Rules   YYMMDD
   Storage Type   C
   Characters left of decimal 6   Characters right of decimal   0

   Default
   Prompt
   Column Header   ORTRDT
   Short Header   ORTRDT
   Base or Derived   B
   Data Class
   Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                        Description
   Date last transaction dealing with orders processed at central site.

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME OTTC

    Alternate Names

    Column Name

    Definition   Orders Type Transaction Code

    Input Format   999
    Output Format   999
    Edit Rules   010-012 or blank
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   OTTC
    Short Header   OTTC
    Base or Derived B
    Data Class
    Source   Slate file from Quantico Mframe

      Satisfies Requirement: Associated Entities:
Type   Name   Type Name

                      Description
Monitor updatable.

Indicates status of orders and whether they are original, have been
modified, or have been cancelled.

    Modified By   mass   Date Modified 940321   # Changes 3
    Added By   mass   Date Added   940204
    Last Project mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PCSC

   Alternate Names

   Column Name   .

   Definition   Permanent Change of Station Code

   Input Format   AX
   Output Format   AX
   Edit Rules   From "PCS" Table
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   PCS
   Short Header   PCS
   Base or Derived B
   Data Class
   Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description
How different type of PCS moves are tracked. Primarily used in
budgeting.

   Modified By   mass   Date Modified 940321   # Changes 8
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME RFT

    Alternate Names

    Column Name

    Definition   Reason for Transfer

    Input Format   A
    Output Format   A
    Edit Rules   From "RFT Table"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   RFTF
    Short Header   RFTF
    Base or Derived B
    Data Class
    Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
Reason why officer is being transferred from present duty station.
Same codes apply in FRFT (future reason for transfer).

    Modified By   mass   Date Modified 940321   # Changes 5
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME RUC

    Alternate Names

    Column Name

    Definition   Reporting Unit Code

    Input Format   XXXXX
    Output Format   XXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 5   Characters right of decimal   0

    Default
    Prompt
    Column Header   RUC
    Short Header   RUC
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                       Description
Reporting unit code to which officer is attached. Used in conjunction
with MCC.

    Modified By   mass   Date Modified 940330   # Changes 4
    Added By   mass   Date Added   940202
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCAT

    Alternate Names

    Column Name

    Definition   Strength Category Code

    Input Format   X
    Output Format   X
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   SCAT
    Short Header   SCAT
    Base or Derived B
    Data Class
    Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                         Description
    Describes the type or nature of the individual's service within a unit.

    What is the code?

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHG

   Alternate Names

   Column Name

   Definition   Published Slate Change Flag

   Input Format   9
   Output Format   9
   Edit Rules   Number or blank
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header   SCHG
   Short Header   SCHG
   Base or Derived B
   Data Class
   Source   Slate file in Quantico Mframe

      Satisfies Requirement: Associated Entities:
Type Name   Type Name

                          Description
Monitor updatable.

Indicates whether the officer's assignment has been briefed, is awaiting
brief or has been briefed and subsequently changed requiring a briefing
again.

   Modified By   user   Date Modified 940812   # Changes 2
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME TCF

    Alternate Names

    Column Name

    Definition   Tour Control Factor

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   TCF
    Short Header   TCF
    Base or Derived B
    Data Class
    Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                          Description
Presents the number of months authorized as a normal tour of futy for an
individual at present MCC.

TCF in slate file:
  TCF-tour control factor
  FTCF-future tour control factor

    Modified By   mass   Date Modified 940321   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME TODATE

    Alternate Names

    Column Name

    Definition   To Date - date departed from command

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   TODATE
    Short Header   TODATE
    Base or Derived B
    Data Class
    Source   Design

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                              Description
VEF data fields:
   Det_last_cmd_date (detached last command date) [past1 command]

Officer Slate file fields:
   SEDD (slate estimated date of departure)
   TOEDD (table of org est. date of departure)

How do you know future to date? Is there a field that allows tour
length entries?

    Modified By   mass   Date Modified 940204   # Changes 6
    Added By   mass   Date Added   940202
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME TOLN

    Alternate Names

    Column Name

    Definition   Table of Organization Line Number

    Input Format   9999A
    Output Format   9999A
    Edit Rules
    Storage Type   C
    Characters left of decimal 5   Characters right of decimal   0

    Default
    Prompt
    Column Header   TOLN
    Short Header   TOLN
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

         Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
    Monitor updatable.

    Identifies individual officers assigned to specific line numbers within
    the tables of organization - used in conjunction with Table of
    Organization Number.

    Present TOLN: TOLN
    Future TOLN: FTOLN

    Modified By   user   Date Modified   940812   # Changes   7
    Added By   mass   Date Added   940202
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME TON

    Alternate Names

    Column Name

    Definition   Table of Organization Number at PMCC

    Input Format   9999A
    Output Format   9999A
    Edit Rules
    Storage Type   C
    Characters left of decimal 5   Characters right of decimal   0

    Default
    Prompt
    Column Header   TON
    Short Header   TON
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
Monitor updatable.

Identifies individual officers assigned to tables of organization within
MCC. Also referred as T/O.

Present T/O field: TON
Future T/O field: FTO

    Modified By   user   Date Modified 940812   # Changes 6
    Added By   mass   Date Added   940202
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

NAME: AWARD   DEFINITION:
ALIAS: Awards received by a Marine

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MID	000	001	1	010	Military ID
AWARD_DATE	010	001	2	006	Award date
AWARD_DESCRIP	016	001	E	025	Description of award
AWARD_CODE	041	001	E	002	Award code for award received

TYPE Element   NAME AWARD_CODE

   Alternate Names

   Column Name

   Definition   Award code for award received

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   AWARD_CODE
   Short Header   AWARD_CODE
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
VEF has 13 entries available for code entries. No codes known for look
up table. Need to be able to count recurring awards.

   Modified By   mass   Date Modified 940204   # Changes 0
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD_DATE

    Alternate Names

    Column Name

    Definition   Award date

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   DATE
    Short Header   DATE
    Base or Derived B
    Data Class
    Source   Design

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
Date award received. No evidence of such field in any database
existing.

    Modified By   user   Date Modified 940812   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD_DESCRIP

    Alternate Names

    Column Name

    Definition   Description of award

    Input Format   XXXXXXXXXXXXXXXXXXXXXXXXX
    Output Format   XXXXXXXXXXXXXXXXXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 25   Characters right of decimal   0

    Default
    Prompt
    Column Header   AWARD_DESCRIP
    Short Header   AWARD_DESCRIP
    Base or Derived B
    Data Class
    Source   VEF

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
VEF has 13 personal award description entries. Data field is
PERSONAL_AWARD_1, PERSONAL_AWARD_2, etc.

    Modified By   mass   Date Modified 940204   # Changes 0
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

NAME: DEPENDENT   DEFINITION:
ALIAS: Dependent information on a Marine

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MID	000	001	E	010	Military ID
DEP_LNAME	010	001	E	020	Dependent Last Name
DEP_FNAME	030	001	E	010	Dependent First Name
DEP_MINIT	040	001	4	002	Middle initial of name
DEPN_RELATION	042	001	E	002	Dependent relation
DOB	044	001	E	006	Date of birth
DEPLOC	050	001	E	003	Dependent Location
TOTAL_DEPN	053	001	E	002	Total number of dependents
EFM	055	001	E	001	Exceptional Family Member
DEP_SSN	056	001	1	009	Dependent Social Security Number

TYPE Element   NAME DEP_FNAME

    Alternate Names

    Column Name

    Definition   Dependent First Name

    Input Format   XXXXXXXXXX
    Output Format   XXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 10   Characters right of decimal   0

    Default
    Prompt
    Column Header   FNAME
    Short Header   FNAME
    Base or Derived B
    Data Class
    Source   Design

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                              Description

    Modified By   user   Date Modified 940812   # Changes 1
    Added By   user   Date Added   940812
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DEP_LNAME

   Alternate Names

   Column Name

   Definition   Dependent Last Name

   Input Format   XXXXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 20   Characters right of decimal 0

   Default
   Prompt
   Column Header   LNAME
   Short Header   LNAME
   Base or Derived B
   Data Class
   Source   Design

      Satisfies Requirement: Associated Entities:
  Type Name   Type Name

                      Description

   Modified By   user   Date Modified 940812   # Changes 2
   Added By   user   Date Added   940812
   Last Project mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DEP_MINIT

    Alternate Names

    Column Name

    Definition   Middle initial of name

    Input Format   A.
    Output Format   A.
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   MINIT
    Short Header   MINIT
    Base or Derived B
    Data Class
    Source   Design

        Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                          Description

    Modified By   user   Date Modified 940812   # Changes 1
    Added By   user   Date Added   940812
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DEP_SSN

    Alternate Names

    Column Name

    Definition   Dependent Social Security Number

    Input Format   999999999
    Output Format   999999999
    Edit Rules
    Storage Type   C
    Characters left of decimal 9   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   Design

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                        Description
May come online when Total Force Decision Support System (TFDSS)
complete.

    Modified By   user   Date Modified 940812   # Changes 1
    Added By   user   Date Added   940812
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DEPLOC

   Alternate Names

   Column Name

   Definition   Dependent Location

   Input Format   XXX
   Output Format   XXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 3   Characters right of decimal   0

   Default
   Prompt
   Column Header   DEPLOC
   Short Header   DEPLOC
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                            Description
DEPLOC description in OSF data dictionary is vague. No indication of
what type of codes available.

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DEPN_RELATION

   Alternate Names

   Column Name

   Definition   Dependent relation

   Input Format   XX
   Output Format   XX
   Edit Rules   From "DEPN_REL Table"
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DEPN_RELATION
   Short Header   DEPN_RELATION
   Base or Derived   B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                           Description
   Provides codes of relationship to Marine (wife, son, daughter, etc.)
   DEPN_RELATION in VEF.

   Modified By   mass   Date Modified 940204   # Changes 2
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DOB

   Alternate Names

   Column Name

   Definition   Date of birth

   Input Format   999999
   Output Format   999999
   Edit Rules   YYMMDD
   Storage Type   C
   Characters left of decimal 6   Characters right of decimal   0

   Default
   Prompt
   Column Header   DOB
   Short Header   DOB
   Base or Derived B
   Data Class
   Source   VEF

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                              Description
   Field is DEPN_DOB in VEF. Field length in VEF is 8 vice 6.

   Modified By   user   Date Modified 940812   # Changes 2
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME EFM

    Alternate Names

    Column Name

    Definition   Exceptional Family Member

    Input Format   A
    Output Format   A
    Edit Rules   Y or N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   EFM
    Short Header   EFM
    Base or Derived B
    Data Class
    Source   Design

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description
    Cannot find such field but monitors want.

    Modified By   user   Date Modified 940812   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME TOTAL_DEPN

   Alternate Names

   Column Name

   Definition   Total number of dependents

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   TOTAL_DEPN
   Short Header   TOTAL_DEPN
   Base or Derived B
   Data Class
   Source   Design

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
   Sum of all dependents. Not in any database. Need to create.

   Modified By   mass   Date Modified 940204   # Changes 0
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

NAME: EDUCATION   DEFINITION:
ALIAS: Education information on a Marine   y

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MID	000	001	1	010	Military ID
START_DATE	010	001	2	006	Begin date of school
GRAD_DATE	016	001	3	006	School completion date
ED_TYPE	022	001	E	003	Education Type
YRS_COMPLETED	025	001	E	002	Number of years completed for civilian education
CIV_DIPLOMA	027	001	E	001	Civilian certificate received
SVCCODE	028	001	E	002	School Service Code
GCT	030	001	E	003	General Classification Test Score
GT	033	001	E	003	General Technical Score

TYPE Element   NAME CIV_DIPLOMA

   Alternate Names

   Column Name

   Definition   Civilian certificate received

   Input Format   9
   Output Format   9
   Edit Rules
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header   CIV_DIPLOMA
   Short Header   CIV_DIPLOMA
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                            Description
   One digit code (don't have codes) indicating the civilian education
   certificate received upon completion of degree. VEF field is
   CIVILIAN_EDUCATION_CERTIFICATE.

   Modified By   mass   Date Modified 940204   # Changes 0
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ED_TYPE

    Alternate Names

    Column Name

    Definition   Education Type

    Input Format   AAA
    Output Format   AAA
    Edit Rules   CIV or MIL
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   ED_TYPE
    Short Header   ED_TYPE
    Base or Derived B
    Data Class
    Source   Design

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                            Description
    Doesn't exists in any database but needed to break out between civilian
    education and military education.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME GCT

    Alternate Names

    Column Name

    Definition   General Classification Test Score

    Input Format   999
    Output Format   999
    Edit Rules
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   GCT
    Short Header   GCT
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
General technical aptitude area score computed from the verbal and math
reasoning test scores from the classification battery given at the
recruit depots.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME GRAD_DATE

    Alternate Names

    Column Name

    Definition   School completion date

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   GRAD_DATE
    Short Header   GRAD_DATE
    Base or Derived B
    Data Class
    Source   Design

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                              Description
    Slate file (OSF) has a completion year field (SVCYEAR). What is it in
    the VEF?

    Modified By   mass   Date Modified 940204   # Changes 4
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME GT

   Alternate Names

   Column Name

   Definition   General Technical Score

   Input Format   XXX
   Output Format   XXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 3   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                            Description

   Modified By   user   Date Modified 940812   # Changes 1
   Added By   mass   Date Added   940701
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME START_DATE

    Alternate Names

    Column Name

    Definition   Begin date of school

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   START_DATE
    Short Header   START_DATE
    Base or Derived B
    Data Class
    Source   Design

      Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                  Description
  Can't find where field exists.

    Modified By   mass   Date Modified 940204   # Changes 0
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SVCCODE

    Alternate Names

    Column Name

    Definition   School Service Code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   SVCCODE
    Short Header   SVCCODE
    Base or Derived B
    Data Class
    Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                            Description
There are eight possible entries of code but don't see the codes in the
VEF.   What are the codes?

    Modified By   mass   Date Modified   940321   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME YRS_COMPLETED

    Alternate Names

    Column Name

    Definition   Number of years completed for civilian education

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   YRS_COMPLETED
    Short Header   YRS_COMPLETED
    Base or Derived B
    Data Class
    Source   VEF

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description
    VEF's field entry is CIVILIAN_EDUCATION_YEARS_COMPL. Number of civilian
    education years completed.

    Modified By   mass   Date Modified 940204   # Changes 0
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

NAME: FITREP   DEFINITION:
ALIAS: FITREP information on a Marine   y

ELEMENT/RECORD   OFF OCC TYPE LEN DEFINITION
-------------------------------------   --- --- ---- --- --

MID   000 001 1   010 Military ID

FROM_DATE   010 001 2   006 Begin date of reporting period

TO_DATE   016 001 3   006 Ending date of reporting period

MCC_REP   022 001 E   003 Monitored Command Code for the reporting period

OCC_CODE   025 001 4   002 Occasion code

PROCESS_DATE   027 001 E   006 Process date

NO_MONTHS   033 001 E   002 Report length in months

ITEM_13_A_VALUE   035 001 E   001 Performance - regular duties

ITEM_13_B_VALUE   036 001 E   001 Performance - additional duties

ITEM_13_C_VALUE   037 001 E   001 Performance - administrative duties

ITEM_13_D_VALUE   038 001 E   001 Performance - handling officers

ITEM_13_E_VALUE   039 001 E   001 Performance - handling enlisted personnel

ITEM_13_F_VALUE   040 001 E   001 Performance - training personnel

ITEM_13_G_VALUE   041 001 E   001 Performance - tactical handling of troops

ITEM_14_A_VALUE   042 001 E   001 Qualities - endurance

ITEM_14_B_VALUE   043 001 E   001 Qualities - personal appearance

ITEM_14_C_VALUE   044 001 E   001 Qualities - military presence

ITEM_14_D_VALUE   045 001 E   001 Qualities - attention to duty

ITEM_14_E_VALUE   046 001 E   001 Qualities - cooperation

ITEM_14_F_VALUE   047 001 E   001 Qualities - initiative

ITEM_14_G_VALUE   048 001 E   001 Qualities - judgment

ITEM_14_H_VALUE   049 001 E   001 Qualities - presence of mind

ITEM_14_I_VALUE   050 001 E   001 Qualities - force

ITEM_14_J_VALUE   051 001 E   001 Qualities - leadership

ITEM_14_K_VALUE   052 001 E   001 Qualities - loyalty

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
ITEM_14_L_VALUE	053	001	E	001	Qualities - personal relations
ITEM_14_M_VALUE	054	001	E	001	Qualities - economy of management
ITEM_14_N_VALUE	055	001	E	001	Qualities - growth potential
ITEM_15_A_VALUE	056	001	E	001	Estimate of this Marine's "general value to the service"
ITEM_15_B_1	057	001	E	002	Distribution of marks - first column value
ITEM_15_B_2	059	001	E	002	Distribution of marks - second column value
ITEM_15_B_3	061	001	E	002	Distribution of marks - third column value
ITEM_15_B_4	063	001	E	002	Distribution of marks - fourth column value
ITEM_15_B_5	065	001	E	002	Distribution of marks - fifth column value
ITEM_15_B_6	067	001	E	002	Distribution of marks - sixth column value
ITEM_15_B_7	069	001	E	002	Distribution of marks - seventh column value
ITEM_15_B_8	071	001	E	002	Distribution of marks - eighth column value
ITEM_15_B_9	073	001	E	002	Distribution of marks - ninth column value
ITEM_15_B_10	075	001	E	002	Distribution of marks - tenth column value
ITEM_15_B_11	077	001	E	002	Distribution of marks - eleventh column value
ITEM_16	079	001	E	002	Attitude toward having this Marine under senior's command
ITEM_17_A	081	001	E	001	Evaluation/distribution/dat
ITEM_17_B	082	001	E	001	Evaluation/distribution/dat
ITEM_17_C	083	001	E	001	Evaluation/distribution/dat
ITEM_18	084	001	E	001	Report based on observation
ITEM_19_VALUE	085	001	E	001	Qualified for promotion
ITEM_20	086	001	E	006	Recommendation for next duty
ITEM_21	092	001	E	001	Reserved for future use
ITEM_11A	093	001	E	004	Reporting senior's service
ITEM_11B	097	001	E	004	Reporting senior's rank
ITEM_11C	101	001	E	009	Reporting senior's SSN

ELEMENT/RECORD   OFF OCC TYPE LEN DEFINITION
-------------------------------------   --- --- ---- --- --

SSN_REVO   110 001 E   006 Reviewing officer's SSN

PRD_NON_AVAIL   116 001 E   050 Period of non-availability

ITEM_22   166 001 E   001 Evaluation/distribution/dat

TYPE Element   NAME FROM_DATE

    Alternate Names

    Column Name

    Definition   Begin date of reporting period

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   BEGIN_DATE
    Short Header   END_DATE
    Base or Derived B
    Data Class
    Source   AFRS

      Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                Description
Need to count number of months between BEGIN_DATE and END_DATE.

    Modified By   mass   Date Modified 940330   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_11A

    Alternate Names

    Column Name

    Definition   Reporting senior's service

    Input Format   XXXX
    Output Format   XXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   RS_SERVICE
    Short Header   RS_SERVICE
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                          Description

    Modified By   mass   Date Modified 940902   # Changes 6
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_11B

    Alternate Names

    Column Name

    Definition   Reporting senior's rank

    Input Format   XXXX
    Output Format   XXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   RS_RANK
    Short Header   RS_RANK
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   user   Date Modified 940812   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_11C

    Alternate Names

    Column Name

    Definition   Reporting senior's SSN

    Input Format   999999999
    Output Format   999999999
    Edit Rules
    Storage Type   C
    Characters left of decimal 9   Characters right of decimal   0

    Default
    Prompt
    Column Header   RS_SSN
    Short Header   RS_SSN
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                        Description

    Modified By   user   Date Modified 940812   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_13_A_VALUE

    Alternate Names

    Column Name

    Definition   Performance - regular duties

    Input Format   A
    Output Format   A
    Edit Rules   O, E, N, A, B, U
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
    Fitrep has two kinds of "A": Above average and Average. Need to
    distinguish between the types of average grades.

    Modified By   mass   Date Modified 940703   # Changes 4
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_13_B_VALUE

   Alternate Names

   Column Name

   Definition   Performance - additional duties

   Input Format   A
   Output Format   A
   Edit Rules   O, E, N, A, B, U
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

      Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                   Description
Need to determine how to distinguish above average and average.

   Modified By   mass   Date Modified   940703   # Changes 2
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_13_C_VALUE

   Alternate Names

   Column Name

   Definition   Performance - administrative duties

   Input Format   A
   Output Format   A
   Edit Rules   O, E, A, B, U, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   O

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

      Satisfies Requirement: Associated Entities:
Type Name   Type Name

                      Description
Need to distinguish between above average and average.

Modified By   mass   Date Modified 940703   # Changes 2
Added By   mass   Date Added   940204
Last Project   mass
Locked By   Date Locked   O   Lock Status

TYPE Element   NAME ITEM_13_D_VALUE

   Alternate Names

   Column Name

   Definition   Performance - handling officers

   Input Format   A
   Output Format   A
   Edit Rules   O, E, A, B, U, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description
   Need to distinguish between above average and average.

   Modified By   mass   Date Modified 940703   # Changes 2
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_13_E_VALUE

    Alternate Names

    Column Name

    Definition   Performance - handling enlisted personnel

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description
    Need to distinguish between average and above average.

    Modified By   mass   Date Modified 940703   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_13_F_VALUE

    Alternate Names

    Column Name

    Definition   Performance - training personnel

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                        Description
 Need to distinguish between average and above average.

    Modified By   mass   Date Modified 940703   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_13_G_VALUE

   Alternate Names

   Column Name

   Definition   Performance - tactical handling of troops

   Input Format   A
   Output Format   A
   Edit Rules   O, E, A, B, U, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

     Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
Need to distinguish between average and above average.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_A_VALUE

    Alternate Names

    Column Name

    Definition   Qualities - endurance

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description
    Need to distinguish between average and above average.

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_B_VALUE

    Alternate Names

    Column Name

    Definition   Qualities - personal appearance

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                        Description
    Need to distinguish between average and above average.

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_C_VALUE

    Alternate Names

    Column Name

    Definition   Qualities - military presence

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description
    Need to distinguish between average and above average.

    Modified By   mass   Date Modified   940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_D_VALUE

   Alternate Names

   Column Name

   Definition   Qualities - attention to duty

   Input Format   A
   Output Format   A
   Edit Rules   O, E, A, B, U, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description
   Need to distinguish between average and above average.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_E_VALUE

    Alternate Names

    Column Name

    Definition   Qualities - cooperation

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                        Description
 Need to distinguish between average and above average.

 Modified By   mass   Date Modified 940703   # Changes 1
 Added By   mass   Date Added   940204
 Last Project   mass
 Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_F_VALUE

    Alternate Names

    Column Name

    Definition   Qualities - initiative

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                           Description
  Need to distinguish between average and above average.

    Modified By   mass   Date Modified   940703   # Changes   1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_G_VALUE

    Alternate Names

    Column Name

    Definition   Qualities - judgment

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

      Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                  Description
Need to distinguish between average and above average.

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_H_VALUE

    Alternate Names

    Column Name

    Definition   Qualities - presence of mind

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description
    Need to distinguish between average and above average.

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_I_VALUE

   Alternate Names

   Column Name

   Definition   Qualities - force

   Input Format   A
   Output Format   A
   Edit Rules   O, E, A, B, U, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                        Description
   Need to distinguish between average and above average.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_J_VALUE

   Alternate Names

   Column Name

   Definition   Qualities - leadership

   Input Format   A
   Output Format   A
   Edit Rules   O, E, A, B, U, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                        Description
   Need to distinguish between average and above average.

   Modified By   mass   Date Modified   940703   # Changes   1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_K_VALUE

   Alternate Names

   Column Name

   Definition   Qualities - loyalty

   Input Format   A
   Output Format   A
   Edit Rules   O, E, A, B, U, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
   Need to distinguish between average and above average.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_L_VALUE

    Alternate Names

    Column Name

    Definition   Qualities - personal relations

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
    Need to distinguish between average and above average.

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_M_VALUE

    Alternate Names

    Column Name

    Definition   Qualities - economy of management

    Input Format   A
    Output Format   A
    Edit Rules   O, E, A, B, U, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
Need to distinguish between average and above average.

    Modified By   mass   Date Modified   940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_14_N_VALUE

   Alternate Names

   Column Name

   Definition   Qualities - growth potential

   Input Format   A
   Output Format   A
   Edit Rules   O, E, A, B, U, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                           Description
   Need to distinguish between average and above average.

   Modified By   mass   Date Modified   940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_A_VALUE

   Alternate Names

   Column Name

   Definition   Estimate of this Marine's "general value to the service"

   Input Format   A
   Output Format   A
   Edit Rules   O, E, A, B, U, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

     Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                      Description
Need to distinguish between average and above average.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_1

    Alternate Names

    Column Name

    Definition   Distribution of marks - first column value

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   mass   Date Modified   940703   # Changes 6
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_2

    Alternate Names

    Column Name

    Definition   Distribution of marks - second column value

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                            Description

    Modified By   mass   Date Modified 940703   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_3

   Alternate Names

   Column Name

   Definition   Distribution of marks - third column value

   Input Format   XX
   Output Format   XX
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                              Description

   Modified By   mass   Date Modified   940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_4

   Alternate Names

   Column Name

   Definition   Distribution of marks - fourth column value

   Input Format   XX
   Output Format   XX
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                        Description

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_5

   Alternate Names

   Column Name

   Definition   Distribution of marks - fifth column value

   Input Format   XX
   Output Format   XX
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                        Description

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_6

    Alternate Names

    Column Name

    Definition   Distribution of marks - sixth column value

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                          Description

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_7

    Alternate Names

    Column Name

    Definition   Distribution of marks - seventh column value

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_8

    Alternate Names

    Column Name

    Definition   Distribution of marks - eighth column value

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                          Description

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_9

   Alternate Names

   Column Name

   Definition   Distribution of marks - ninth column value

   Input Format   XX
   Output Format   XX
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

     Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                    Description

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_10

   Alternate Names

   Column Name

   Definition   Distribution of marks - tenth column value

   Input Format   XX
   Output Format   XX
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                          Description

   Modified By   mass   Date Modified   940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_15_B_11

    Alternate Names

    Column Name

    Definition   Distribution of marks - eleventh column value

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                          Description

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_16

    Alternate Names

    Column Name

    Definition   Attitude toward having this Marine under your command

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                        Description

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_17A

   Alternate Names

   Column Name

   Definition   Has Marine been the subject of commendatory reports?

   Input Format   X
   Output Format   X
   Edit Rules   Y, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                            Description

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_17B

   Alternate Names

   Column Name

   Definition   Has this Marine been the subject of adverse reports?

   Input Format   X
   Output Format   X
   Edit Rules   Y, N
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                        Description

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_17C

    Alternate Names

    Column Name

    Definition   Has this Marine been the subject of disciplinary action rpt?

    Input Format   X
    Output Format   X
    Edit Rules   Y, N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source

      Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                  Description

    Modified By   mass   Date Modified 940703   # Changes 0
    Added By   mass   Date Added   940703
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_18

    Alternate Names

    Column Name

    Definition   Report base on observation

    Input Format   X
    Output Format   X
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal 0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                        Description

    Modified By   mass   Date Modified 940703   # Changes 3
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_19_VALUE

    Alternate Names

    Column Name

    Definition   Evaluation/distribution/dat

    Input Format   X
    Output Format   X
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                          Description

    Modified By   mass   Date Modified 940204   # Changes 0
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_20

    Alternate Names

    Column Name

    Definition   Recommendation for next duty

    Input Format   XXX
    Output Format   XXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
Concur with item 10 (officer's requested duty preference) or recommend a
duty preference by reporting senior.

    Modified By   mass   Date Modified 940703   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_21

   Alternate Names

   Column Name

   Definition   Reserved for future use

   Input Format   X
   Output Format   X
   Edit Rules
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description

   Modified By   mass   Date Modified   940703   # Changes 1
   Added By   mass   Date Added   940204
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ITEM_22

    Alternate Names

    Column Name

    Definition   Evaluation/distribution/dat

    Input Format   X
    Output Format   X
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   mass   Date Modified 940204   # Changes 0
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MCC_REP

    Alternate Names

    Column Name

    Definition   Monitored Command Code for the reporting period

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "MCC" Table
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   MCC_REP
    Short Header   MCC_REP
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                        Description

    Modified By   user   Date Modified 940812   # Changes 4
    Added By   mass   Date Added   940330
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME NO_MONTHS

     Alternate Names

     Column Name

     Definition   Report length in months

     Input Format   99
     Output Format   99
     Edit Rules
     Storage Type   C
     Characters left of decimal 2   Characters right of decimal   0

     Default
     Prompt
     Column Header   NO_MONTHS
     Short Header   NO_MONTHS
     Base or Derived B
     Data Class
     Source   AFRS

          Satisfies Requirement: Associated Entities:
     Type   Name   Type   Name

                              Description
     Difference between FROM_DATE and TO_DATE.

     Modified By   mass   Date Modified   940330   # Changes 4
     Added By   mass   Date Added   940204
     Last Project   mass
     Locked By   Date Locked   0   Lock Status

TYPE Element   NAME OCC_CODE

    Alternate Names

    Column Name

    Definition   Occasion code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   OCC_CODE
    Short Header   OCC_CODE
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                          Description
    Not sure of type of field. Put in alphanumberic to be safe.

    Modified By   mass   Date Modified 940204   # Changes 0
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PRD_NON_AVAIL

    Alternate Names

    Column Name

    Definition   Period of non-availability

    Input Format   XXXXXXXXXXXXXXXXXXXXXXXXXX
    Output Format   XXXXXXXXXXXXXXXXXXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 50   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
Field length in AFRS is 50. What is this field? Does it exist anywhere
else?

    Modified By   mass   Date Modified 940331   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PROCESS_DATE

    Alternate Names

    Column Name

    Definition   Process date

    Input Format   XXXXXX
    Output Format   XXXXXX
    Edit Rules   YYMMDD (?)
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   PROC_DATE
    Short Header   PROC_DATE
    Base or Derived   B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
    Process date of master brief sheet? Field is again assumed A/N.

    Modified By   mass   Date Modified 940330   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSN_REVO

    Alternate Names

    Column Name

    Definition   Reviewing officer's SSN

    Input Format   999999999
    Output Format   999999999
    Edit Rules
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   REVO_SSN
    Short Header   REVO_SSN
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description

    Modified By   mass   Date Modified 940330   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME TO_DATE

    Alternate Names

    Column Name

    Definition   Ending date of reporting period

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   END_DATE
    Short Header   END_DATE
    Base or Derived B
    Data Class
    Source   AFRS

      Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                       Description
Need to count number of months between BEGIN_DATE and END_DATE for
fitrep.

    Modified By   mass   Date Modified 940330   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

NAME: MCC   DEFINITION:
ALIAS: Monitored Command Code   y

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MCC	000	001	K	003	Monitored Command Code - Present
MCC_LONGNAME	003	001	E	025	MCC Title

TYPE Element   NAME MCC

   Alternate Names

   Column Name

   Definition   Monitored Command Code - Present

   Input Format   XXX
   Output Format   XXX
   Edit Rules   From "CEF" Table
   Storage Type   C
   Characters left of decimal 3   Characters right of decimal   0

   Default
   Prompt
   Column Header   MCC
   Short Header   MCC
   Base or Derived   B
   Data Class
   Source   Command English File

     Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
Refer to JUMPS/MMS Codes Manual (Chapter 5) for valid codes.

VEF fields:
  Last_MCC (past2 duty station MCC)
  Former_MCC (past1 duty station MCC; same as FMMCC?)

Officer Slate File fields:
  SFMCC (slate future MCC)
  SAMCC (slate advance MCC)
  FMCC (future MCC)
  SPMCC (slate present MCC)

Only future MCC should be monitor updatable.

Modified By	user	Date Modified	940812	# Changes	9
Added By	mass	Date Added	940202		
Last Project	mass				
Locked By		Date Locked	0	Lock Status	

TYPE Element   NAME MCC_LONGNAME

    Alternate Names

    Column Name

    Definition   MCC Long name

    Input Format   XXXXXXXXXXXXXXXXXXXXXXXXX
    Output Format   XXXXXXXXXXXXXXXXXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 25   Characters right of decimal   0

    Default
    Prompt
    Column Header   MCC_LONGNAME
    Short Header   MCC_LONGNAME
    Base or Derived B
    Data Class
    Source   Command English File

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description

    Modified By   mass   Date Modified 940919   # Changes 2
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

NAME: PERSON   DEFINITION:
ALIAS: PERSON INFO   ATTRIBUTES THAT DESCRIBE THE PERSON   Y

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MID	000	001	K	010	Military ID
ACCOMP	010	001	E	002	Accompanied Tour Status
ADT	012	001	E	003	Accumulated Deployed Time
AFADBD	015	001	E	006	Armed Forces Active Duty Base Date
MOS1	021	001	E	004	Additional Military Occupation Specialty
MOS2	025	001	E	004	Second Additional Military Occupation Specialty
CLA	029	001	E	001	Contract Legal Agreement
COMP	030	001	E	002	Component Code Branch of Service
CYIZ	032	001	E	001	Calendar Year in Zone
D1COMM	033	001	E	006	Date of first commission
DAUSDN	039	001	E	006	Date Arrived US dependents not restricted
DAUSDR	045	001	E	006	Date Arrived US Dependents Restricted
DIFOP	051	001	E	001	Duty Involving Flight Operations
DOR	052	001	E	006	Date of Rank
DRD	058	001	E	006	Date Returned from Deployment
DSC	064	001	E	001	Deployment Status Code
DULIM	065	001	E	001	Duty Limit Status Code
EAS	066	001	E	006	Expiration Active Service
ETH	072	001	E	001	Ethnic
FDTYST	073	001	E	001	Future Duty Status
FMMOS	074	001	E	004	Former Military Occupational Specialty
FNAME	078	001	E	010	First Name
FUTMOS	088	001	E	004	Future Military Occupational Specialty
JSODAT	092	001	E	006	Joint Specialty Officer Date
JTMOS	098	001	E	004	Joint Tour Military Occupational Specialty

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
LANG1	102	001	E	002	Foreign Language Proficiency-1st language
LANG2	104	001	E	002	Foreign Language Proficiency-2nd language
LANG3	106	001	E	002	Foreign Language Proficiency-3rd language
LANG4	108	001	E	002	Foreign Language Proficiency-4th language
LFMF	110	001	E	002	Last Fleet Marine Force
LNAME	112	001	E	020	Last Name
LNPRES	132	001	E	008	Lineal Control Number for present grade
MAC	140	001	E	002	Monitor Activity Code
MARST	142	001	E	001	Marital Status
MINIT	143	001	E	001	Middle initial of name
MNOTE	144	001	E	999	Monitor Notes
ODAUS	1143	001	E	004	Original Date Arrived U.S. - Dependent Restricted
OPBD	1147	001	E	006	Operational Flying Base Date
OPFLCD	1153	001	E	006	Operational Flying Computation Date
OPFLY	1159	001	E	005	Operational Flying Time
OPGATE1	1164	001	E	001	Operational Flying Gate #1
OPGATE2	1165	001	E	001	Operational Gate #2
OSD	1166	001	E	006	Active duty officer service date
PASSED	1172	001	E	001	Passed over
PDU1	1173	001	E	003	Preference of Duty by Monitored Command Code-1st occurence
PDU2	1176	001	E	003	Preference of Duty by Monitored Command Code - 2nd occurence
PDU3	1179	001	E	003	Preference of Duty by Monitored Command Code-3rd occurence
PEAS	1182	001	E	004	Projected Expiration of Service
PGRD	1186	001	E	003	Present Grade
PMOS	1189	001	E	004	Primary Military Occupation Specialty
RACE	1193	001	E	001	Officer's race

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
RECSTAT	1194	001	E	001	Record Status
SEC	1195	001	E	001	Security Clearance
SECDT	1196	001	E	006	Security Clearance Completion Date
SECINV	1202	001	E	001	Security Investigation Code
SEDD	1203	001	E	006	Slate Estimated Date of Departure
SEX	1209	001	E	001	Sex
SGRD	1210	001	E	003	Select Grade
SPOSVC	1213	001	E	001	Service of active duty spouse
SSEF	1214	001	E	001	School Eligibility Flag
SSSF	1215	001	E	001	School Selected Flag
CONTRACT_DISP	1216	001	E	010	Contract Legal Agreement
ASED	1226	001	E	006	Active Duty Officer Aviation
CUR_ACDU_BDD	1232	001	E	008	Current Active Duty Base Date
APMOS	1240	001	E	004	Additional Primary Military Occupational Specialty
AC_NAV_BDD	1244	001	E	008	Active Navy Base Date
OSCD	1252	001	E	008	Officer Service Date
DSG_PILOT	1260	001	E	008	Date designated pilot
DOR_1ST_LDOD	1268	001	E	008	Date of Rank First Limited Duty Officer
INIT	1276	001	E	003	Last, first, and middle initials
PEBDD	1279	001	E	008	Pay Entry Base Date
ORIG_ENT_AFD	1287	001	E	008	Original Entry Armed Forces Date
DOBD	1295	001	E	008	Date of Birth

TYPE Element   NAME ACCOMP

   Alternate Names

   Column Name

   Definition   Accompanied Tour Status

   Input Format   XX
   Output Format   XX
   Edit Rules   "@", "@P", " "
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   ACCOMP
   Short Header   ACCOMP
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                         Description
Indicates if officer is serving in an accompanied tour overseas or if
approval is pending for Future Monitored Command Code (FMCC) tour
overseas.
     @   Currently serving accompanied tour overseas
     @P Approval pending for FMCC accompanied tour overseas

Monitor updatable.

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940117
   Last Project mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AC_NAV_BDD

    Alternate Names

    Column Name

    Definition   Active Navy Base Date

    Input Format   XXXXXXXX
    Output Format   XXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 8   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

         Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                         Description

    Modified By   mass   Date Modified 940701   # Changes 0
    Added By   mass   Date Added   940701
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ADT

   Alternate Names

   Column Name

   Definition   Accumulated Deployed Time

   Input Format   999
   Output Format   999
   Edit Rules
   Storage Type   C
   Characters left of decimal 3   Characters right of decimal   0

   Default
   Prompt
   Column Header   ADT
   Short Header   ADT
   Base or Derived B
   Data Class
   Source   Slate file from Quantico MFrame

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
   Total time (in days) deployed while joined chargeable to a FMF unit.

   Modified By   mass   Date Modified 940321   # Changes 1
   Added By   mass   Date Added   940119
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AFADBD

Alternate Names

Column Name

Definition   Armed Forces Active Duty Base Date

Input Format   999999
Output Format   999999
Edit Rules   YYMMDD
Storage Type   C
Characters left of decimal 6   Characters right of decimal   0

Default
Prompt
Column Header   AFADBD
Short Header   AFADBD
Base or Derived B
Data Class
Source   Slate File from Quantico MFrame

      Satisfies Requirement: Associated Entities:
Type Name   Type   Name

                        Description
Constructive date computed from active service performed in any branch
of the Armed Forces as modified by time lost or periods not creditable
as active Federal service.

Modified By   mass   Date Modified 940321   # Changes 2
Added By   mass   Date Added   940117
Last Project   mass
Locked By   Date Locked   0   Lock Status

TYPE Element   NAME APMOS

   Alternate Names

   Column Name

   Definition   Additional Primary Military Occupational Specialty

   Input Format   9999
   Output Format   9999
   Edit Rules   From "MOS Table"
   Storage Type   C
   Characters left of decimal 4   Characters right of decimal   0

   Default
   Prompt
   Column Header   APMOS
   Short Header   APMOS
   Base or Derived B
   Data Class
   Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                           Description
   These fields use the same codes:
     ABMOS-assigned billet MOS
     BMOS-billet MOS
     FABMOS-future assigned billet MOS
     SIMOS-slate intended MOS

   Modified By   mass   Date Modified 940322   # Changes 1
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ASED

    Alternate Names

    Column Name

    Definition   Active Duty Officer Aviation

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD or blank
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   ASED
    Short Header   ASED
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                        Description
    Date officer first reports on competent orders to aviation facility in
    which flight training is received.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME CLA

   Alternate Names

   Column Name

   Definition   Contract Legal Agreement

   Input Format   A
   Output Format   A
   Edit Rules   From "CLA Table"
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header   CLA
   Short Header   CLA
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
Code identifies appointment acceptance. Entered into JUMPS/MMS through
the accession process or by the CMC (?).

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940117
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME COMP

    Alternate Names

    Column Name

    Definition   Component Code Branch of Service

    Input Format   XX
    Output Format   XX
    Edit Rules   From "COMP Table"
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   COMP
    Short Header   COMP
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                          Description
    Identifies branch of service and indicates reserve or retired status.

    Modified By   mass   Date Modified 940321   # Changes 3
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME CONTRACT_DISP

    Alternate Names

    Column Name

    Definition   Contract Legal Agreement

    Input Format   XXXXXXXXXX
    Output Format   XXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 10   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                         Description

    Modified By   mass   Date Modified 940701   # Changes 0
    Added By   mass   Date Added   940701
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

.

TYPE Element   NAME CUR_ACDU_BDD

    Alternate Names

    Column Name

    Definition   Current Active Duty Base Date

    Input Format   XXXXXXXX
    Output Format   XXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 8   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   mass   Date Modified 940701   # Changes 0
    Added By   mass   Date Added   940701
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME CYIZ

  Alternate Names

  Column Name

  Definition   Calendar Year in Zone

  Input Format   9
  Output Format   9
  Edit Rules   not " "
  Storage Type   C
  Characters left of decimal 1   Characters right of decimal   0

  Default
  Prompt
  Column Header   CYIZ
  Short Header   CYIZ
  Base or Derived B
  Data Class
  Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                            Description
One digit number denoting calendar year in zone for promotion, e.g. "1"
indicates CY 1991 zone for promotion.

Not updated from the VEF thus it's updated within MMOA.

  Modified By   mass   Date Modified 940321   # Changes 2
  Added By   mass   Date Added   940117
  Last Project   mass
  Locked By   Date Locked   0   Lock Status

TYPE Element   NAME D1COMM

    Alternate Names

    Column Name

    Definition   Date of first commission

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   D1COMM
    Short Header   D1COMM
    Base or Derived B
    Data Class
    Source   Slate file from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                          Description
    Date an officer's first commission became effective.

    Modified By   mass   Date Modified   940321   # Changes 1
    Added By   mass   Date Added   940121
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DAUSDN

    Alternate Names

    Column Name

    Definition   Date Arrived US dependents not restricted

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   DAUSDN
    Short Header   DAUSDN
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                          Description
    Control date Marine last returned from overseas assignment where
    dependents were not restricted.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940119
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DAUSDR

    Alternate Names

    Column Name

    Definition   Date Arrived US Dependents Restricted

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   DAUSDR
    Short Header   DAUSDR
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                        Description
Control date for last unaccompanied overseas tour. Requirements are
that the Marine has served an overseas assignment and that dependents
were restricted from the duty station.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940119
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DIFOP

    Alternate Names

    Column Name

    Definition   Duty Involving Flight Operations

    Input Format   X
    Output Format   X
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   DIFOP
    Short Header   DIFOP
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

      Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                     Description
Identifies officers assigned billets that involve flight operations.

Monitor updatable.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DOBD

     Alternate Names

     Column Name

     Definition   Date of Birth

     Input Format   XXXXXXXX
     Output Format   XXXXXXXX
     Edit Rules
     Storage Type   C
     Characters left of decimal 8   Characters right of decimal   0

     Default
     Prompt
     Column Header
     Short Header
     Base or Derived B
     Data Class
     Source   AFRS

         Satisfies Requirement: Associated Entities:
     Type   Name   Type   Name

                            Description

     Modified By   mass   Date Modified 940701   # Changes 0
     Added By   mass   Date Added   940701
     Last Project   mass
     Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DOR

   Alternate Names

   Column Name

   Definition   Date of Rank

   Input Format   999999
   Output Format   999999
   Edit Rules   YYMMDD
   Storage Type   C
   Characters left of decimal 6   Characters right of decimal   0

   Default
   Prompt
   Column Header   DOR
   Short Header   DOR
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
Date of rank in the present pay grade. Established for precedence.

   Modified By   mass   Date Modified 940330   # Changes 3
   Added By   mass   Date Added   940117
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DOR_1ST_LDO

Alternate Names

Column Name

Definition   Date of rank for first commission as LDO

Input Format   999999
Output Format   999999
Edit Rules   YYMMDD
Storage Type   C
Characters left of decimal 6   Characters right of decimal   0

Default
Prompt
Column Header   DOR_1ST_LDO
Short Header   DOR_1ST_LDO
Base or Derived B
Data Class
Source   AFRS

     Satisfies Requirement: Associated Entities:
Type Name   Type Name

                     Description

Modified By   mass   Date Modified 940330   # Changes 1
Added By   mass   Date Added   940330
Last Project mass
Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DRD

    Alternate Names

    Column Name

    Definition   Date Returned from Deployment

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD, not " " when DSC not zero
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   DRD
    Short Header   DRD
    Base or Derived B
    Data Class
    Source   Slate file from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description
    Establishes date that a given deployment status will expire.

    Cannot be blank when Deployment Status Code (DSC) is anything but zero.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940121
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DSC

    Alternate Names

    Column Name

    Definition   Deployment Status Code

    Input Format   9
    Output Format   9
    Edit Rules   From "DSC Table"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   DSC
    Short Header   DSC
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                        Description
Identifies Marine's deployment status during a current Fleet Marine
Force (FMF) tour. It is entered into JUMPS/MMS in conjunction with a
deployment return date (DRD) or an expected/projected DRD. See current
definition of MCO P1080.35, PIRM for reporting directions.

    Modified By   mass   Date Modified 940321   # Changes 2
    Added By   mass   Date Added   940119
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DSG_PILOT

    Alternate Names

    Column Name

    Definition   Date designated pilot

    Input Format   XXXXXXXX
    Output Format   XXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 8   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

      Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                              Description

    Modified By   mass   Date Modified 940701   # Changes 1
    Added By   mass   Date Added   940330
    Last Project mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DULIM

    Alternate Names

    Column Name

    Definition   Duty Limit Status Code

    Input Format   A
    Output Format   A
    Edit Rules   From "DULIM Table"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   DULIM
    Short Header   DULIM
    Base or Derived B
    Data Class
    Source   Slate from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                              Description
    Describes restrictions to combat or other types of duty.

    Modified By   mass   Date Modified   940321   # Changes 2
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME EAS

    Alternate Names

    Column Name

    Definition   Expiration Active Service

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   EAS
    Short Header   EAS
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description
    Date active service terminates. For regular enlistment personnel, EAS
    is the date of expiration fo current enlistment or voluntary extension
    of enlistment.

    Modified By   mass   Date Modified 940321   # Changes 2
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ETH

   Alternate Names

   Column Name

   Definition   Ethnic

   Input Format   X
   Output Format   X
   Edit Rules   From "ETHNIC Table"
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header   ETHINIC
   Short Header   ETH
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

      Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                         Description
Ethnic status of officer; typically used in conjunction with race for
demographic purposes.

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940117
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FDTYST

    Alternate Names

    Column Name

    Definition   Future Duty Status

    Input Format   9
    Output Format   9
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   FDTYST
    Short Header   FDTYST
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                            Description
 Identifies future duty status of officer. Full duty status is primarily
 the code entered.

 Monitor updatable.

    Modified By   mass   Date Modified 940321   # Changes 2
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FMMOS

    Alternate Names

    Column Name

    Definition   Former Military Occupational Specialty

    Input Format   9999
    Output Format   9999
    Edit Rules   from "MOS Table"
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   FMMOS
    Short Header   FMMOS
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
Required to maintain visibility of officers who have been assigned more
than three MOS's. Primarily applies to officers promoted to Colonel.

Monitor updatable.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FNAME

   Alternate Names

   Column Name

   Definition   First Name

   Input Format   XXXXXXXXXX
   Output Format   XXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 10   Characters right of decimal   0

   Default
   Prompt
   Column Header   FNAME
   Short Header   FNAME
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

     Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
 Officer's first name.

   Modified By   mass   Date Modified 940321   # Changes 1
   Added By   mass   Date Added   940117
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FUTMOS

    Alternate Names

    Column Name

    Definition   Future Military Occupational Specialty

    Input Format   9999
    Output Format   9999
    Edit Rules   from "MOS Table"
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   FUTMOS
    Short Header   FUTMOS
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

      Satisfies Requirement: Associated Entities:
Type Name   Type Name

Description
Given to certain ground Combat Arms Officers while at Basic School to
facilitate future tour assignments. Officer serves one ground combat
arms then a tour in the FUTMOS designator.

Monitor Updatable.

    Modified By   mass   Date Modified 940321   # Changes 2
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME INIT

    Alternate Names

    Column Name

    Definition   Last, first, and middle initials

    Input Format   AAA
    Output Format   AAA
    Edit Rules   All caps
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   INIT
    Short Header   INIT
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                        Description

    Modified By   mass   Date Modified 940321   # Changes 0
    Added By   mass   Date Added   940321
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME JSODAT

    Alternate Names

    Column Name

    Definition   Joint Specialty Officer Date

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   JSODAT
    Short Header   JSODAT
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                            Description
  Date of approval for designation as a JSO (Joint Specialty Officer).

    Modified By   mass   Date Modified   940321   # Changes 2
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME JTMOS

    Alternate Names

    Column Name

    Definition   Joint Tour Military Occupational Specialty

    Input Format   9999
    Output Format   9999
    Edit Rules   "9701", "9702", " "
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   JTMOS
    Short Header   JTMOS
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type Name   Type Name

                          Description
Military Occupational Specialty as a result of a joint tour assignment.
        9701 Joint Duty Qualified
        9702 Joint Duty Critical Qualified (additional experience)

    Modified By   mass   Date Modified 940321   # Changes 2
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME LANG1

    Alternate Names

    Column Name

    Definition   Foreign Language Proficiency-1st language

    Input Format   XX
    Output Format   XX
    Edit Rules   From "LANG Table"
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   LANG1
    Short Header   LANG1
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   mass   Date Modified 940321   # Changes 4
    Added By   mass   Date Added   940119
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME LANG2

    Alternate Names

    Column Name

    Definition   Foreign Language Proficiency-2nd language

    Input Format   XX
    Output Format   XX
    Edit Rules   From "LANG Table"
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   LANG2
    Short Header   LANG2
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type Name   Type Name

                         Description

    Modified By   mass   Date Modified   940321   # Changes 2
    Added By   mass   Date Added   940202
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME LANG3

   Alternate Names

   Column Name

   Definition   Foreign Language Proficiency-3rd language

   Input Format   XX
   Output Format   XX
   Edit Rules   From "LANG Table"
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   LANG3
   Short Header   LANG3
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

      Satisfies Requirement: Associated Entities:
 Type Name   Type   Name

                         Description

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940202
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME LANG4

    Alternate Names

    Column Name

    Definition   Foreign Language Proficiency-4th language

    Input Format   XX
    Output Format   XX
    Edit Rules   From "LANG Table"
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   LANG4
    Short Header   LANG4
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                        Description

    Modified By   mass   Date Modified 940321   # Changes 2
    Added By   mass   Date Added   940202
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME LFMF

   Alternate Names

   Column Name

   Definition   Last Fleet Marine Force

   Input Format   99
   Output Format   99
   Edit Rules   not "00"; " "
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   LFMF
   Short Header   LFMF
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                              Description
Two digit year officer last served in the Fleet Marine Force. Required
in order to establish a general queue by year for officers scheduled to
return to Fleet Marine Force duty.

Monitor updatable.

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940117
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME LNAME

   Alternate Names

   Column Name

   Definition   Last Name

   Input Format   XXXXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 20   Characters right of decimal   0

   Default
   Prompt
   Column Header   LNAME
   Short Header   LNAME
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                          Description
   Last name of officer.

   Modified By   mass   Date Modified 940321   # Changes 1
   Added By   mass   Date Added   940117
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME LNPRES

   Alternate Names

   Column Name

   Definition   Lineal Control Number for present grade

   Input Format   99999999
   Output Format   99999999
   Edit Rules   not " "
   Storage Type   C
   Characters left of decimal 8   Characters right of decimal   0

   Default
   Prompt
   Column Header   LNPRES
   Short Header   LNPRES
   Base or Derived B
   Data Class
   Source   Slate file from Quantico MFrame

     Satisfies Requirement: Associated Entities:
 Type Name   Type   Name

                  Description
Lineal Control Number for present grade.

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940121
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MAC

    Alternate Names

    Column Name

    Definition   Monitor Activity Code

    Input Format   XX
    Output Format   XX
    Edit Rules   not " "
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   MAC
    Short Header   MAC
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                            Description
    Relates person to a particular monitor depending on MOS

    Monitor updatable.

    Modified By   mass   Date Modified 940327   # Changes 5
    Added By   mass   Date Added   940110
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MARST

    Alternate Names

    Column Name

    Definition   Marital Status

    Input Format   A
    Output Format   A
    Edit Rules   From "MARST Table"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   MARST
    Short Header   MARST
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                            Description
    Changes or corrections to marital status are entered in the JUMPS/MMS.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MID

   Alternate Names SSN

   Column Name

   Definition   Military ID

   Input Format   9999999999
   Output Format   9999-99-9999
   Edit Rules   not " "
   Storage Type   C
   Characters left of decimal 10   Characters right of decimal   0

   Default
   Prompt
   Column Header   MID
   Short Header   MID
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                        Description
This is the unique identifier of a person, i.e. his/her SSN.

MID consists of a zero as the first number followed by SSN string for a
Marine. MID is used in the By Name Assignment (BNA) database to help
distinguish between a Marine and other service students. Following are
the allowed entries as the first character:
        0 (zero)   Marine
        T   Army
        N   Navy
        U   Air Force
        V   Coast Guard
        R   Foreign
        C   Civilian

Entries above came from the By Name Assignment Users' Manual.

   Modified By   mass   Date Modified 940327   # Changes 9
   Added By   mass   Date Added   940110
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MINIT

    Alternate Names

    Column Name

    Definition   Middle initial of name

    Input Format   A
    Output Format   A
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   MINIT
    Short Header   MINIT
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

      Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                              Description
  Officer's middle initial.

    Modified By   user   Date Modified 940813   # Changes 6
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MOS1

    Alternate Names

    Column Name

    Definition   Additional Military Occupation Specialty

    Input Format   9999
    Output Format   9999
    Edit Rules   From "MOS Table"
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   AMOS1
    Short Header   AMOS1
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                           Description
Assumed 2 occurrences of AMOS by looking at output Slate File.
Find out if there is another field named AMOS-PE and if it's used at
all. There were no data attributes in the data dictionary given.

    Modified By   mass   Date Modified 940629   # Changes 9
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MOS2

    Alternate Names

    Column Name

    Definition   Second Additional Military Occupation Specialty

    Input Format   9999
    Output Format   9999
    Edit Rules   From "MOS Table"
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   AMOS2
    Short Header   AMOS2
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                              Description
    Assumed 2 occurrences of AMOS by looking at output Slate File.
    Find out if there is another field named AMOS-PE and if it's used at
    all. There were no data attributes in the data dictionary given.

    Modified By   mass   Date Modified 940629   # Changes 3
    Added By   mass   Date Added   940126
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MNOTE

   Alternate Names

   Column Name

   Definition   Monitor Notes

   Input Format
   Output Format
   Edit Rules
   Storage Type   C
   Characters left of decimal 999   Characters right of decimal   0

   Default
   Prompt
   Column Header   MNOTE
   Short Header   MNOTE
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                        Description
   Notebook for monitor to enter conversations with constituents.

   Monitor updatable.

   Modified By   mass   Date Modified 940321   # Changes 1
   Added By   mass   Date Added   940117
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ODAUS

   Alternate Names

   Column Name

   Definition   Original Date Arrived U.S. - Dependent Restricted

   Input Format   9999
   Output Format   9999
   Edit Rules   YYMM
   Storage Type   C
   Characters left of decimal 4   Characters right of decimal   0

   Default
   Prompt
   Column Header   ODAUS
   Short Header   ODAUS
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

      Satisfies Requirement: Associated Entities:
Type Name   Type   Name

                          Description
Dependent restricted date entry. Format is YYMM.

Monitor updatable.

   Modified By   mass   Date Modified 940327   # Changes 7
   Added By   mass   Date Added   940110
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME OPBD

   Alternate Names

   Column Name

   Definition   Operational Flying Base Date

   Input Format   999999
   Output Format   999999
   Edit Rules   YYMMDD
   Storage Type   C
   Characters left of decimal 6   Characters right of decimal   0

   Default
   Prompt
   Column Header   OPBD
   Short Header   OPBD
   Base or Derived B
   Data Class
   Source   Slate file from Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description
Date an officer first reports on competent orders to the aviation
facility having aircraft in which the Marine will receive flight
training.

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940121
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME OPFLCD

Alternate Names

Column Name

Definition   Operational Flying Computation Date

Input Format   999999
Output Format   999999
Edit Rules   YYMMDD
Storage Type   C
Characters left of decimal 6   Characters right of decimal 0

Default
Prompt
Column Header   OPFLCD
Short Header   OPFLCD
Base or Derived B
Data Class
Source   Slate file from Quantico MFrame

     Satisfies Requirement: Associated Entities:
Type Name   Type Name

Description
Indicates date in which the last automatic computation of the MMS data
element OPFLY was made.

Modified By   mass   Date Modified 940321   # Changes 1
Added By   mass   Date Added   940121
Last Project mass
Locked By   Date Locked   0   Lock Status

TYPE Element   NAME OPFLY

    Alternate Names

    Column Name

    Definition   Operational Flying Time

    Input Format   99999
    Output Format   99999
    Edit Rules
    Storage Type   C
    Characters left of decimal 5   Characters right of decimal   0

    Default
    Prompt
    Column Header   OPFLY
    Short Header   OPFLY
    Base or Derived B
    Data Class
    Source   Slate file from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description
Amount of time (in flight hours) aviation designated officer has
accumulated during assignments in which basic flying skills are
maintained.

    Modified By   mass   Date Modified   940701   # Changes 2
    Added By   mass   Date Added   940121
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME OPGATE1

    Alternate Names

    Column Name

    Definition   Operational Flying Gate #1

    Input Format   A
    Output Format   A
    Edit Rules   "N" or "Y"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   OPGATE1
    Short Header   OPGATE1
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description
    Indicates individual has (Y) or has not (N) reached 12th year gate based
    on flight hours.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940119
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME OPGATE2

    Alternate Names

    Column Name

    Definition   Operational Gate #2

    Input Format   A
    Output Format   A
    Edit Rules   "N" or "Y"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   OPGATE2
    Short Header   OPGATE2
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                         Description
Indicates individual has (Y) or has not (N) passed 18th year gate based
on flight hours.

    Modified By   mass   Date Modified 940321   # Changes 2
    Added By   mass   Date Added   940119
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ORIG_ENT_AFD

   Alternate Names

   Column Name

   Definition   Original Entry Armed Forces Date

   Input Format   XXXXXXXX
   Output Format   XXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 8   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

     Satisfies Requirement: Associated Entities:
  Type Name   Type   Name

                          Description

  Modified By   mass   Date Modified 940701   # Changes 0
  Added By   mass   Date Added   940701
  Last Project   mass
  Locked By   Date Locked   0   Lock Status

TYPE Element   NAME OSCD

   Alternate Names

   Column Name

   Definition   Officer Service Date

   Input Format   XXXXXXXX
   Output Format   XXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 8   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                            Description

   Modified By   mass   Date Modified 940701   # Changes 0
   Added By   mass   Date Added   940701
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME OSD

   Alternate Names

   Column Name

   Definition   Active duty officer service date

   Input Format   999999
   Output Format   999999
   Edit Rules   YYMMDD
   Storage Type   C
   Characters left of decimal 6   Characters right of decimal   0

   Default
   Prompt
   Column Header   OSD
   Short Header   OSD
   Base or Derived B
   Data Class
   Source   Slate file from Quantico MFrame

      Satisfies Requirement: Associated Entities:
 Type Name   Type   Name

                    Description
Date of acceptance of appointment as an officer.

   Modified By   mass   Date Modified 940321   # Changes 1
   Added By   mass   Date Added   940121
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PASSED

   Alternate Names

   Column Name

   Definition   Passed over

   Input Format   9
   Output Format   9
   Edit Rules   0 THRU 9
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header   PASSED
   Short Header   PASSED
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

       Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
Number of times an officer is passed over for promotion to next rank.

Updated by MMOA-3 following selection board results.

Reset to zero after promotion.

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940117
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PDU1

    Alternate Names

    Column Name

    Definition   Preference of Duty by Monitored Command Code-1st occurence

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "PDU Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   PDU1
    Short Header   PDU1
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

      Satisfies Requirement: Associated Entities:
  Type Name   Type Name

                         Description
  Preferences for future duty in order of preference. Information comes
  from officer's fitness report.

    Modified By   mass   Date Modified   940330   # Changes 5
    Added By   mass   Date Added   940119
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PDU2

   Alternate Names

   Column Name

   Definition   Preference of Duty by Monitored Command Code - 2nd occurence

   Input Format   XXX
   Output Format   XXX
   Edit Rules   From "PDU Table"
   Storage Type   C
   Characters left of decimal 3   Characters right of decimal   0

   Default
   Prompt
   Column Header   PDU2
   Short Header   PDU2
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

       Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                           Description
   Preferences for future duty in order of preference. Information comes
   from officer's fitness report.

   Modified By   mass   Date Modified 940330   # Changes 5
   Added By   mass   Date Added   940202
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PDU3

    Alternate Names

    Column Name

    Definition   Preference of Duty by Monitored Command Code-3rd occurence

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "PDU Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   PDU3
    Short Header   PDU3
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                          Description
    Preferences for future duty in order of preference. Information comes
    from officer's fitness report.

    Modified By   mass   Date Modified 940330   # Changes 3
    Added By   mass   Date Added   940202
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PEAS

   Alternate Names

   Column Name

   Definition   Projected Expiration of Service

   Input Format   9999
   Output Format   9999
   Edit Rules   YYMM
   Storage Type   C
   Characters left of decimal 4   Characters right of decimal   0

   Default
   Prompt
   Column Header   PEAS
   Short Header   PEAS
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                          Description
   Monitor updatable.

   Modified By   mass   Date Modified 940327   # Changes 7
   Added By   mass   Date Added   940114
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PEBDD

   Alternate Names

   Column Name

   Definition   Pay Entry Base Date

   Input Format   XXXXXXXX
   Output Format   XXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 8   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

      Satisfies Requirement: Associated Entities:
Type Name   Type Name

Description

   Modified By   mass   Date Modified 940701   # Changes 0
   Added By   mass   Date Added   940701
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PGRD

    Alternate Names

    Column Name

    Definition   Present Grade

    Input Format   99X
    Output Format   99X
    Edit Rules   From "PGRD Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   PGRD
    Short Header   PGRD
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                         Description

    Modified By   mass   Date Modified   940330   # Changes 6
    Added By   mass   Date Added   940114
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PMOS

    Alternate Names

    Column Name

    Definition   Primary Military Occupation Specialty

    Input Format   9999
    Output Format   9999
    Edit Rules   From "MOS Table"
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   PMOS
    Short Header   PMOS
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                          Description
  Denotes the Marine's primary skill and qualification.

    Modified By   mass   Date Modified 940330   # Changes 4
    Added By   mass   Date Added   940114
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME RACE

    Alternate Names

    Column Name

    Definition   Officer's race

    Input Format   A
    Output Format   A
    Edit Rules   From "Race Table"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   RACE
    Short Header   RACE
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description
A division of mankind possessing common traits or features that are
transmissible by decent, sufficient to characterize it as a distinct
human type.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME RECSTAT

    Alternate Names

    Column Name

    Definition   Record Status

    Input Format   X
    Output Format   X
    Edit Rules   From "RECSTAT Table"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   RECSTAT
    Short Header   RECSTAT
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                        Description
    Indicates status of officer's record in JUMPS/NMS. Anything but 0
    (zero) reflects record is pending.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940119
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SEC

    Alternate Names

    Column Name

    Definition   Security Clearance

    Input Format   X
    Output Format   X
    Edit Rules   From "SEC Table"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   SEC
    Short Header   SEC
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                         Description
Level of security clearance held. Cross checked with type of security
investigation when it is reported into JUMPS/MSS to ensure
compatability.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940119
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SECDT

   Alternate Names

   Column Name

   Definition   Security Clearance Completion Date

   Input Format   999999
   Output Format   999999
   Edit Rules   YYMMDD
   Storage Type   C
   Characters left of decimal 6   Characters right of decimal   0

   Default
   Prompt
   Column Header   SECDT
   Short Header   SECDT
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                        Description

   Modified By   mass   Date Modified 940321   # Changes 1
   Added By   mass   Date Added   940119
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SECINV

   Alternate Names

   Column Name

   Definition   Security Investigation Code

   Input Format   X
   Output Format   X
   Edit Rules   From "SECINV Table"
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header   SECINV
   Short Header   SECINV
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
   Type of security investigation conducted for issuance of a security
   clearance.

   Modified By   mass   Date Modified 940321   # Changes 1
   Added By   mass   Date Added   940119
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SEDD

   Alternate Names

   Column Name

   Definition   Estimated Date of Departure

   Input Format   999999
   Output Format   999999
   Edit Rules   YYMMDD
   Storage Type   C
   Characters left of decimal 6   Characters right of decimal   0

   Default
   Prompt
   Column Header   SEDD
   Short Header   SEDD
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                            Description
Estimated date of departure from present command (Monitored Command
Code).

Monitor updatable.

   Modified By   mass   Date Modified 940327   # Changes 6
   Added By   mass   Date Added   940114
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SEX

    Alternate Names

    Column Name

    Definition   Sex

    Input Format   A
    Output Format   A
    Edit Rules   "F", "M"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   SEX
    Short Header   SEX
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
A code to indicate sex is entered in JUMPS/MMS upon accession.
Correction of sex codes are reported on the unit diary. Sex is reported
as part of the race/sex unit diary entry.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SGRD

    Alternate Names

    Column Name

    Definition   Select Grade

    Input Format   99X
    Output Format   99X
    Edit Rules   From "PGRD Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   SGRD
    Short Header   SGRD
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                          Description
    Paygrade for which an officer has been selected in the promotion
    process.

    Modified By   mass   Date Modified   940327   # Changes 4
    Added By   mass   Date Added   940114
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SPOSVC

   Alternate Names

   Column Name

   Definition   Service of active duty spouse

   Input Format   X
   Output Format   X
   Edit Rules   From "SPOSVC Table"
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header   SPOSVC
   Short Header   SPOSVC
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

     Satisfies Requirement: Associated Entities:
 Type Name   Type Name

                     Description
Indicates service Marine's active duty spouse is serving.

   Modified By   mass   Date Modified   940321   # Changes 1
   Added By   mass   Date Added   940119
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSEF

   Alternate Names

   Column Name

   Definition   School Eligibility Flag

   Input Format   9
   Output Format   9
   Edit Rules
   Storage Type   C
   Characters left of decimal 1   Characters right of decimal   0

   Default
   Prompt
   Column Header   SSEF
   Short Header   SSEF
   Base or Derived B
   Data Class
   Source   Slate File from Quantico MFrame

      Satisfies Requirement: Associated Entities:
Type Name   Type Name

                         Description
Identifies an officer's eligibility for professional military education
(PME).

Monitor updatable.

   Modified By   mass   Date Modified 940321   # Changes 2
   Added By   mass   Date Added   940117
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSSF

    Alternate Names

    Column Name

    Definition   School Selected Flag

    Input Format   9
    Output Format   9
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   SSSF
    Short Header   SSSF
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: ·   Associated Entities:
    Type Name   Type   Name

                           Description
Identifies an officer selected to attend Professional Military Education
(PME).

Monitor updatable.

    Modified By   mass   Date Modified 940321   # Changes 2
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

NAME: SENSITIVE DATA   DEFINITION:
ALIAS: Sensitive Data on a Marine for designated eyes only

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MID	000	001	1	010	Military ID
SENSITIVE_DATA_DATE	010	001	2	006	Date of sensitive data entry
SENSITIVE_DATA	016	001	E	050	Sensitive Data entry

TYPE Element   NAME SENSITIVE_DATA

   Alternate Names

   Column Name

   Definition   Sensitive Data entry

   Input Format   XXXXXXXXXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 50   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   Design

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                            Description
   Left as fixed entry length but can be memo field.

   Needs to be protected field.

   Modified By   user   Date Modified 940812   # Changes 1
   Added By   user   Date Added   940812
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SENSITIVE_DATA_DATE

    Alternate Names

    Column Name

    Definition   Date of sensitive data entry

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   Design

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                            Description

    Modified By   user   Date Modified   940812   # Changes 0
    Added By   user   Date Added   940812
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

NAME: STAFFING_GOAL   DEFINITION:
ALIAS: Monitor input to billet base   Y

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MCC	000	001	1	003	Monitored Command Code - Present
DMOS	003	001	2	004	Demand Military Occupational Specialty
DGRD	007	001	3	003	Demand Grade
PMOS	010	001	4	004	Primary Military Occupation Specialty
PGRADE	014	001	5	003	Present Grade
STAFFING_GOAL_QUANTITY	017	001	E	002	Number of staffing goals for specific record

TYPE Element   NAME DGRD

    Alternate Names

    Column Name

    Definition   Demand Grade

    Input Format   99X
    Output Format   99X
    Edit Rules   From "PGRD Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   DGRD
    Short Header   DGRD
    Base or Derived B
    Data Class
    Source   Detailed Solution Algorithm

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
    Demand Grade indicates the grade required for a specific billet in a
    Monitored Command Code. This value comes from the Detailed Solution
    Algorithm.

    Modified By   mass   Date Modified 940902   # Changes 1
    Added By   mass   Date Added   940902
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DMOS

   Alternate Names

   Column Name

   Definition   Demand Military Occupational Specialty

   Input Format   9999
   Output Format   9999
   Edit Rules   From "MOS Table"
   Storage Type   C
   Characters left of decimal 4   Characters right of decimal   0

   Default
   Prompt
   Column Header   DMOS
   Short Header   DMOS
   Base or Derived B
   Data Class
   Source   Detailed Solution Algorithm

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                            Description
   Indicates the demand MOS for that billet. This value comes from the
   Detailed Solution algorithm

   Modified By   mass   Date Modified 940902   # Changes 6
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME STAFFING_GOAL_QUANTITY

    Alternate Names

    Column Name

    Definition   Number of staffing goals for specific record

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   Officer Staffing Goal Model

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   user   Date Modified   940812   # Changes 0
    Added By   user   Date Added   940812
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

APPENDIX B

PRACTICAL DENORMALIZED E-R DIAGRAM FOR MASS
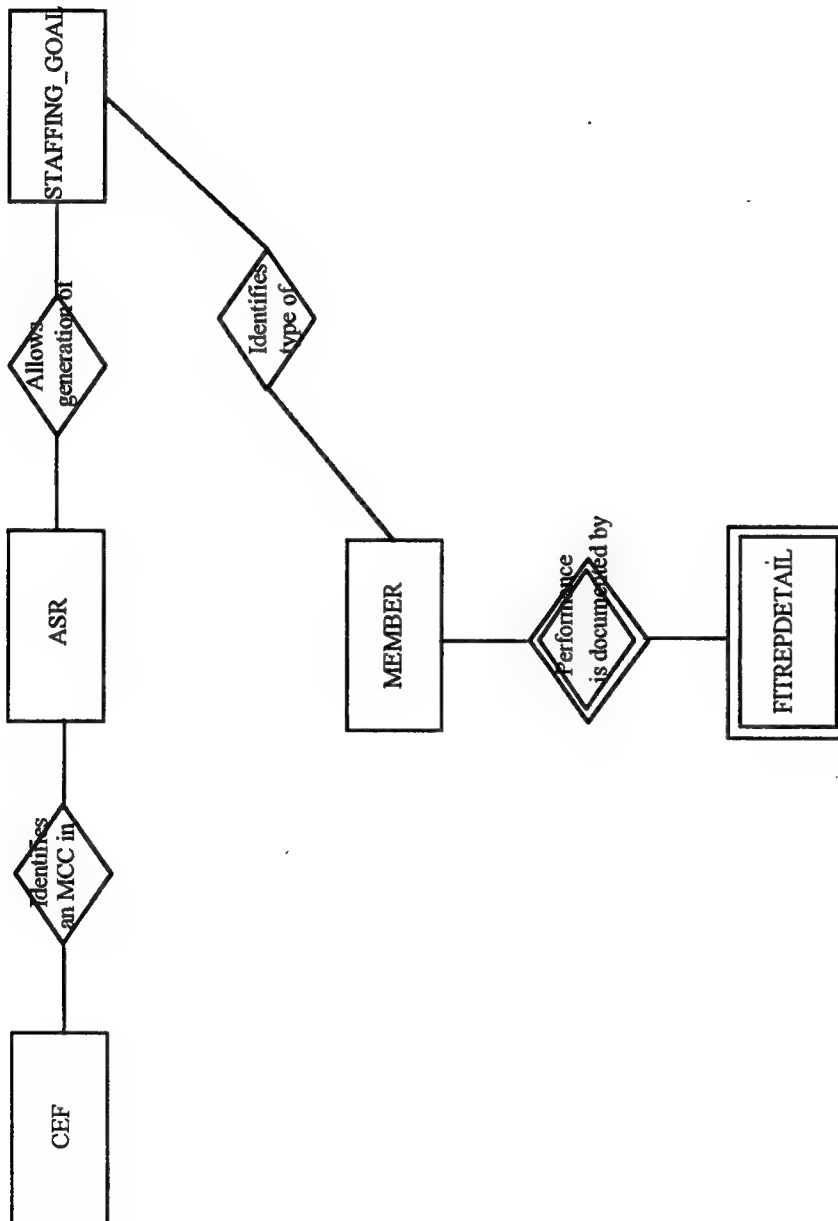
```
NAME:                      CEF                    DEFINITION:
ALIAS:                                            Command English File                    N

ELEMENT/RECORD                     OFF  OCC  TYPE  LEN  DEFINITION
----------------------------------  ---  ---  ----  ---  ------------------------------------------------------------

MCC                                 000  001  K    003  Monitored Command Code - Present

MCC_LONGNAME                        003  001  E    025  MCC Title
```

NAME: FITREP_DETAIL   DEFINITION:
ALIAS: FITREP information on a Marine   y

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MID	000	001	1	010	Military ID
FROM_DATE	010	001	2	006	Begin date of reporting period
TO_DATE	016	001	3	006	Ending date of reporting period
DUTY_TITLE	022	001	E	020	Assigned duty (long name) at Monitored Command Code
OCC_CODE	042	001	4	002	Occasion code
NO_MONTHS	044	001	E	002	Report length in months
ITEM_13_A_VALUE	046	001	E	001	Performance - regular duties
ITEM_13_B_VALUE	047	001	E	001	Performance - additional duties
ITEM_13_C_VALUE	048	001	E	001	Performance - administrative duties
ITEM_13_D_VALUE	049	001	E	001	Performance - handling officers
ITEM_13_E_VALUE	050	001	E	001	Performance - handling enlisted personnel
ITEM_13_F_VALUE	051	001	E	001	Performance - training personnel
ITEM_13_G_VALUE	052	001	E	001	Performance - tactical handling of troops
ITEM_14_A_VALUE	053	001	E	001	Qualities - endurance
ITEM_14_B_VALUE	054	001	E	001	Qualities - personal appearance
ITEM_14_C_VALUE	055	001	E	001	Qualities - military presence
ITEM_14_D_VALUE	056	001	E	001	Qualities - attention to duty
ITEM_14_E_VALUE	057	001	E	001	Qualities - cooperation
ITEM_14_F_VALUE	058	001	E	001	Qualities - initiative
ITEM_14_G_VALUE	059	001	E	001	Qualities - judgment
ITEM_14_H_VALUE	060	001	E	001	Qualities - presence of mind
ITEM_14_I_VALUE	061	001	E	001	Qualities - force
ITEM_14_J_VALUE	062	001	E	001	Qualities - leadership
ITEM_14_K_VALUE	063	001	E	001	Qualities - loyalty
ITEM_14_L_VALUE	064	001	E	001	Qualities - personal relations

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
ITEM_14_M_VALUE	065	001	E	001	Qualities - economy of management
ITEM_14_N_VALUE	066	001	E	001	Qualities - growth potential
ITEM_15_A_VALUE	067	001	E	001	Estimate of this Marine's "general value to the s
ITEM_15_B_1	068	001	E	002	Distribution of marks - first column value
ITEM_15_B_2	070	001	E	002	Distribution of marks - second column value
ITEM_15_B_3	072	001	E	002	Distribution of marks - third column value
ITEM_15_B_4	074	001	E	002	Distribution of marks - fourth column value
ITEM_15_B_5	076	001	E	002	Distribution of marks - fifth column value
ITEM_15_B_6	078	001	E	002	Distribution of marks - sixth column value
ITEM_15_B_7	080	001	E	002	Distribution of marks - seventh column value
ITEM_15_B_8	082	001	E	002	Distribution of marks - eighth column value
ITEM_15_B_9	084	001	E	002	Distribution of marks - ninth column value
ITEM_15_B_10	086	001	E	002	Distribution of marks - tenth column value
ITEM_15_B_11	088	001	E	002	Distribution of marks - eleventh column value
ITEM_16	090	001	E	002	Attitude toward having this Marine under senior's
ITEM_17A	092	001	E	001	Has Marine been the subject of commendatory report
ITEM_18	093	001	E	001	Report based on observation
ITEM_19	094	001	E	002	Qualified for promotion
ITEM_20	096	001	E	006	Recommendation for next duty
ITEM_21	102	001	E	001	Reserved for future use
ORG_TITLE	103	001	E	020	Organization title
DMOS	123	001	E	004	Demand Military Occupational Specialty
TYPE_DUTY	127	001	E	001	Type of duty
TO_TITLE	128	001	E	030	Table of Organization Title
PERF	158	001	E	014	Grouped item 13A-13G
QUALITIES	172	001	E	028	Grouped item 14A-14N

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
VALUE_DISP	200	001	E	000	Item 15A?
DES_DISP	200	001	E	001	Distribution of marks for all Marines of this grade
ITEM_17B	201	001	E	001	Has this Marine been the subject of adverse reports?
ITEM_17C	202	001	E	001	Has this Marine been the subject of disciplinary action

NAME: MEMBER   DEFINITION:
ALIAS: OSF Data Elements   Y

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MAC	000	001	E	002	Monitor Activity Code
MID	002	001	K	010	Military ID
ODAUS	012	001	E	004	Original Date Arrived U.S. - Dependent Restricted
PEAS	016	001	E	004	Projected Expiration of Service
SPMCC	020	001	E	003	Slate Present Monitored Command Code
SEDD	023	001	E	006	Slate Estimated Date of Departure
PGRD	029	001	E	003	Present Grade
SGRD	032	001	E	003	Select Grade
PMOS	035	001	E	004	Primary Military Occupation Specialty
MOS1	039	001	E	004	Additional Military Occupation Specialty
MOS2	043	001	E	004	Second Additional Military Occupation Specialty
PCSDAT	047	001	E	006	Permanent Change of Station Date
FUTMOS	053	001	E	004	Future Military Occupational Specialty
JTMOS	057	001	E	004	Joint Tour Military Occupational Specialty
JSODAT	061	001	E	006	Joint Specialty Officer Date
APMOS	067	001	E	004	Additional Primary Military Occupational Specialty
MOBEX	071	001	E	005	Mobilization Exception
PABGRDF	076	001	E	001	Present Assigned Billet Grade Fix
FABGRDF	077	001	E	001	Future Assigned Billet Grade Fix
CYIZ	078	001	E	001	Calendar Year in Zone
SCHLVL	079	001	E	001	School level of Professional Military Education Eligibility
JTBIL	080	001	E	001	Joint billet
ABMOS	081	001	E	004	Assigned Billet Military Occupational Specialty
ABGRD	085	001	E	002	Assigned Billet Grade
LFMF	087	001	E	002	Last Fleet Marine Force

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
LSEP	089	001	E	002	Date last served in a Special Education Program Tour
TSEP	091	001	E	001	Type of Special Education Program Training
TON	092	001	E	005	Table of Organization Number at PMCC
TOLN	097	001	E	005	Table of Organization Line Number
TOEDD	102	001	E	004	Table of Organization Estimated Date of Departure
FMMOS	106	001	E	004	Former Military Occupational Specialty
SIMOS	110	001	E	005	Slate Intended Military Occupational Specialty
SCHG	115	001	E	001	Published Slate Change Flag
EXCPTN	116	001	E	001	Exception during slating
FABMOS	117	001	E	004	Future Assigned Billet Military Occupational Specialty
FABGRD	121	001	E	002	Future Assigned Billet Grade
SSEF	123	001	E	001	School Eligibility Flag
SSSF	124	001	E	001	School Selected Flag
FTO	125	001	E	005	Future Table of Organization
FTOLN	130	001	E	005	Future Table of Organization Line Number
FTOEDA	135	001	E	004	Future Table of Organization Estimated Date of Arrival
SIMCC	139	001	E	003	Slate Intermediate Monitored Command Code
SIEDA	142	001	E	004	Slate Intermediate Estimated Date of Arrival
SFMCC	146	001	E	003	Slate Future Monitored Command Code
SEDA	149	001	E	006	Slate Estimated Date of Arrival at Future MCC
FDTYST	155	001	E	001	Future Duty Status
FTCF	156	001	E	002	Future Tour Control Factor
FPCS	158	001	E	002	Future Permanent Change of Station
FRFT	160	001	E	001	Future Reason for Transfer
ORUC	161	001	E	005	Original Reporting Unit Code
OTTC	166	001	E	003	Orders Type Transaction Code

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
ORFLG	169	001	E	001	Orders release flag
SAMCC	170	001	E	003	Slate Advanced Monitored Command Code
SAEDA	173	001	E	004	Slate Advance Estimated Date of Arrival
AGLC	177	001	E	003	Advance Geographical Location
AGLCEDA	180	001	E	004	Advance Geographical Location Estimated Date of Arrival
DIFOP	184	001	E	001	Duty Involving Flight Operations
AASAGNF	185	001	E		
ACCOMP	185	001	E	002	Accompanied Tour Status
MNOTES	187	001	E		
LNAME	187	001	E	020	Last Name
FNAME	207	001	E	010	First Name
MINIT	217	001	E	001	Middle initial of name
INIT	218	001	E	003	Last, first, and middle initials
PASSED	221	001	E	001	Passed over
GEODAT	222	001	E	004	Date tour began at Geographical Location
MCC	226	001	E	003	Monitored Command Code - Present
RUC	229	001	E	005	Reporting Unit Code
EAS	234	001	E	006	Expiration Active Service
RACE	240	001	E	001	Officer's race
SEX	241	001	E	001	Sex
CLA	242	001	E	001	Contract Legal Agreement
DULIM	243	001	E	001	Duty Limit Status Code
MARST	244	001	E	001	Marital Status
ETH	245	001	E	001	Ethnic
DOR	246	001	E	006	Date of Rank
DCTB	252	001	E	006	Date Current Tour Began

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
AFADBD	258	001	E	006	Armed Forces Active Duty Base Date
FMCC	264	001	E	003	Future Monitored Command Code
BMOS	267	001	E	004	Billet Military Occupational Specialty
COMP	271	001	E	002	Component Code Branch of Service
FMMCC	273	001	E	003	Former Monitored Command Code
SCAT	276	001	E	001	Strength Category Code
RECSTAT	277	001	E	001	Record Status
CEDL	278	001	E	001	Civilian Education Certificate Code
SECINV	279	001	E	001	Security Investigation Code
SEC	280	001	E	001	Security Clearance
SPOSVC	281	001	E	001	Service of active duty spouse
OPGATE1	282	001	E	001	Operational Flying Gate #1
OPGATE2	283	001	E	001	Operational Gate #2
RFT	284	001	E	001	Reason for Transfer
DSC	285	001	E	001	Deployment Status Code
RTD	286	001	E	006	Rotation Departure Date from overseas command
DAUSDR	292	001	E	006	Date Arrived US Dependents Restricted
SSC1	298	001	E	002	Service School Code
SSC2	300	001	E	002	Service School Code
SSC3	302	001	E	002	Service School Code
SSC4	304	001	E	002	Service School Code
SSC5	306	001	E	002	Service School Code
SSC6	308	001	E	002	Service School Code
SSC7	310	001	E	002	Service School Code
SSC8	312	001	E	002	Service School Code
SSC9	314	001	E	002	Service School Code

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
SSC10	316	001	E	002	Service School Code
SSC11	318	001	E	002	Service School Code
SSC12	320	001	E	002	Service School Code
GEOLOC	322	001	E	003	Geographic location of duty station

NAME: MEMBER2   DEFINITION:
ALIAS: Continuation of MEMBER entity.   N

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
PDU1	000	001	E	003	Preference of Duty by Monitored Command Code-1st occurence
PDU2	003	001	E	003	Preference of Duty by Monitored Command Code - 2nd occurence
PDU3	006	001	E	003	Preference of Duty by Monitored Command Code-3rd occurence
SECDT	009	001	E	006	Security Clearance Completion Date
TCF	015	001	E	002	Tour Control Factor
GCT	017	001	E	003	General Classification Test Score
PCSC	020	001	E	002	Permanent Change of Station Code
GLCDCTB	022	001	E		
DAUSDN	022	001	E	006	Date Arrived US dependents not restricted
ORTRDT	028	001	E	006	Orders Transaction Date
ADT	034	001	E	003	Accumulated Deployed Time
LANG1	037	001	E	002	Foreign Language Proficiency-1st language
LANG2	039	001	E	002	Foreign Language Proficiency-2nd language
LANG3	041	001	E	002	Foreign Language Proficiency-3rd language
LANG4	043	001	E	002	Foreign Language Proficiency-4th language
IMOS	045	001	E	003	Intermediate Military Occupational Specialty
LNPRES	048	001	E	008	Lineal Control Number for present grade
D1COMM	056	001	E	006	Date of first commission
OSD	062	001	E	006	Active duty officer service date
ASED	068	001	E	006	Active Duty Officer Aviation
OPFLY	074	001	E	005	Operational Flying Time
OPFLCD	079	001	E	006	Operational Flying Computation Date
OPBD	085	001	E	006	Operational Flying Base Date
DRD	091	001	E	006	Date Returned from Deployment
DEPLOC	097	001	E	003	Dependent Location

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
COMPONENT	100	001	E	005	Officer's component
GT	105	001	E	003	General Technical Score
PERMGRD	108	001	E	006	Permanent Grade
PERMDORD	114	001	E	008	Permanent Date of Rank
DOBD	122	001	E	008	Date of Birth
ORIG_ENT_AFD	130	001	E	008	Original Entry Armed Forces Date
PEBDD	138	001	E	008	Pay Entry Base Date
AC_NAV_BDD	146	001	E	008	Active Navy Base Date
ACC_1ST_COMM	154	001	E	008	Active Duty First Commissioned
DOR_1ST_LDOD	162	001	E	008	Date of Rank First Limited Duty Officer
DSG_PILOT	170	001	E	008	Date designated pilot
CUR_ACDU_BDD	178	001	E	008	Current Active Duty Base Date
OSCD	186	001	E	008	Officer Service Date
CONTRACT_DISP	194	001	E	010	Contract Legal Agreement
AWARD1NUM	204	001	E	002	Number of times decoration_1 was awarded
AWARD1	206	001	E	017	First recorded decoration
AWARD2NUM	223	001	E	002	Number of times decoration_2 was awarded
AWARD2	225	001	E	017	Second recorded decoration
AWARD3NUM	242	001	E	002	Number of times decoration_3 was awarded
AWARD3	244	001	E	017	Third recorded decoration
AWARD4NUM	261	001	E	002	Number of times decoration_4 was awarded
AWARD4	263	001	E	017	Fourth recorded decoration
CIV_ED_YR	280	001	E	002	Civilian Education Years Completed
CIV_ED_LEVEL	282	001	E	026	Civilian Education Level
CIV_ED_MAJOR	308	001	E	002	Civilian Education Major
SCHOOL1	310	001	E	018	Code to identify the formal schools/special skills completed

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
MIL_ED1_YR	328	001	E	002	School completion date corresponding to SCHOOL SPECIAL CODE1
SCHOOL2	330	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED2_YR	348	001	E	002	School completion date corresponding to SCHOOL SPECIAL CODE2
SCHOOL3	350	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED3_YR	368	001	E	002	School completion date corresponding to SCHOOL SPECIAL CODE3
SCHOOL4	370	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED4_YR	388	001	E	002	School completion date corresponding to SCHOOL SPECIAL CODE4
SCHOOL5	390	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED5_YR	408	001	E	002	School completion date corresponding to SCHOOL SPECIAL CODE5
SCHOOL6	410	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED6_YR	428	001	E	002	School completion date corresponding to SCHOOL SPECIAL CODE6
SCHOOL7	430	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED7_YR	448	001	E	002	School completion date corresponding to SCHOOL SPECIAL CODE7
SCHOOL8	450	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED8_YR	468	001	E	002	School completion date corresponding to SCHOOL SPECIAL CODE8
SCHOOL9	470	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED9_YR	488	001	E	002	School completion date corresponding to SCHOOL SPECIAL CODE9
SCHOOL10	490	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED10_YR	508	001	E	002	School completion date corres to SCHOOL SPECIAL CODE10
SCHOOL11	510	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED11_YR	528	001	E	002	School completion date corres to SCHOOL SPECIAL CODE11
SCHOOL12	530	001	E	018	Code to identify the formal schools/special skills completed
MIL_ED12_YR	548	001	E	002	School completion date corres to SCHOOL SPECIAL CODE12
AWARD5	550	001	E	002	Fifth recorded decoration
AWARD5NUM	552	001	E	002	Number of times decoration_5 was awarded
AWARD6	554	001	E	002	Sixth recorded decoration

ELEMENT/RECORD	OFF	OCC	TYPE	LEN	DEFINITION
AWARD6NUM	556	001	E	002	Number of times decoration_6 was awarded
AWARD7	558	001	E	002	Seventh recorded decoration
AWARD7NUM	560	001	E	002	Number of times decoration_7 was awarded
AWARD8	562	001	E	002	Eighth recorded decoration
AWARD8NUM	564	001	E	002	Number of times decoration_8 was awarded
AWARD9	566	001	E	002	Ninth recorded decoration
AWARD9NUM	568	001	E	002	Number of times decoration_9 was awarded
AWARD10	570	001	E	002	Tenth recorded decoration
AWARD10NUM	572	001	E	002	Number of times decoration_10 was awarded
AWARD11	574	001	E	002	Eleventh recorded decoration
AWARD11NUM	576	001	E	002	Number of times decoration_11 was awarded
AWARD12	578	001	E	002	Twelfth recorded decoration
AWARD12NUM	580	001	E	002	Number of times decoration_12 was awarded
AWARD13	582	001	E	002	Thirteenth recorded decoration
AWARD13NUM	584	001	E	002	Number of times decoration_13 was awarded

TYPE Element   NAME ABGRD

   Alternate Names

   Column Name

   Definition   Assigned Billet Grade

   Input Format   A9
   Output Format   A9
   Edit Rules   A=O or W (first position)
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   O

   Default
   Prompt
   Column Header   ABGRD
   Short Header   ABGRD
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                              Description
Billet grade to which the individual officer is assigned at a Monitored
Command Code (MCC). Used in conjunction with Assigned Billet Military
Occupational Specialty (ABMOS).

Will fix an officer on station to this billet grade during running of
officer staffing goal model (OSGM).

Monitor updatable.

   Modified By   mass   Date Modified 940322   # Changes 0
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   O   Lock Status

TYPE Element   NAME ABMOS

    Alternate Names

    Column Name

    Definition   Assigned Billet Military Occupational Specialty

    Input Format   9999
    Output Format   9999
    Edit Rules   From "MOS Table"
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   ABMOS
    Short Header   ABMOS
    Base or Derived B
    Data Class
    Source   Slate file from Quantico Mframe

        Satisfies Requirement: Associated Entities:
Type Name   Type Name

                            Description
Monitor updatable.

These fields use the same codes:
  ABMOS-assigned billet MOS
  BMOS-billet MOS   .
  FABMOS-future assigned billet MOS
  SIMOS-slate intended MOS

  Modified By   mass   Date Modified 940322   # Changes 1
  Added By   mass   Date Added   940322
  Last Project   mass
  Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AGLC

   Alternate Names

   Column Name

   Definition   Advance Geographical Location

   Input Format   99X
   Output Format   99X
   Edit Rules   Can also be blank
   Storage Type   C
   Characters left of decimal 3   Characters right of decimal   0

   Default
   Prompt
   Column Header   AGLC
   Short Header   AGLC
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description
Advance geographical location projection given to an officer on orders
to a dependents restricted tour.

First three digits are the zip code of area officer will be returning
to.

Monitor updatable.

   Modified By   mass   Date Modified   940322   # Changes   0
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   .   NAME AGLCEDA

    Alternate Names

    Column Name

    Definition   Advance Geographical Location Estimated Date of Arrival

    Input Format   9999
    Output Format   9999
    Edit Rules   YYMM
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   AGLCEDA
    Short Header   AGLCEDA
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                        Description
    Projected arrival date of officer to advance geographical location.

    Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD1

    Alternate Names

    Column Name

    Definition   First recorded decoration

    Input Format   XXXXXXXXXXXXXXXXX
    Output Format   XXXXXXXXXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 17   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description

    Modified By   mass   Date Modified 940701   # Changes 3
    Added By   mass   Date Added   940330
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD2

    Alternate Names

    Column Name

    Definition   Second recorded decoration

    Input Format   XXXXXXXXXXXXXXXXX
    Output Format   XXXXXXXXXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 17   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

      Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

Description

Modified By   mass   Date Modified 940701   # Changes 3
Added By   mass   Date Added   940330
Last Project   mass
Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD3

   Alternate Names

   Column Name

   Definition   Third recorded decoration

   Input Format   XXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 17   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                        Description

   Modified By   mass   Date Modified 940701   # Changes 3
   Added By   mass   Date Added   940330
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD4

    Alternate Names

    Column Name

    Definition   Fourth recorded decoration

    Input Format   XXXXXXXXXXXXXXXXX
    Output Format   XXXXXXXXXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 17   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                          Description

    Modified By   mass   Date Modified 940701   # Changes   3
    Added By   mass   Date Added   940330
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD5

   Alternate Names

   Column Name

   Definition   Fifth recorded decoration

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_5
   Short Header   DECORATION_5
   Base or Derived B
   Data Class
   Source   AFRS

       Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                        Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940330
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD6

    Alternate Names

    Column Name

    Definition   Sixth recorded decoration

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   DECORATION_6
    Short Header   DECORATION_6
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                              Description

    Modified By   mass   Date Modified   940701   # Changes   2
    Added By   mass   Date Added   940330
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD7

   Alternate Names

   Column Name

   Definition   Seventh recorded decoration

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_7
   Short Header   DECORATION_7
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                            Description

   Modified By   mass   Date Modified   940701   # Changes   2
   Added By   mass   Date Added   940330
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD8

   Alternate Names

   Column Name

   Definition   Eighth recorded decoration

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_8
   Short Header   DECORATION_8
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940330
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD9

    Alternate Names

    Column Name

    Definition   Ninth recorded decoration

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   DECORATION_9
    Short Header   DECORATION_9
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                              Description

    Modified By   mass   Date Modified 940701   # Changes 2
    Added By   mass   Date Added   940330
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD10

    Alternate Names

    Column Name

    Definition   Tenth recorded decoration

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   DECORATION_10
    Short Header   DECORATION_10
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                          Description

    Modified By   mass   Date Modified   940701   # Changes 3
    Added By   mass   Date Added   940330
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD11

   Alternate Names

   Column Name

   Definition   Eleventh recorded decoration

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_11
   Short Header   DECORATION_11
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                           Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940330
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD12

    Alternate Names

    Column Name

    Definition   Twelfth recorded decoration

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   DECORATION_12
    Short Header   DECORATION_12
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   mass   Date Modified 940701   # Changes 2
    Added By   mass   Date Added   940330
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD13

   Alternate Names

   Column Name

   Definition   Thirteenth recorded decoration

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_13
   Short Header   DECORATION_13
   Base or Derived   B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940330
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD1NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_1 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

     Satisfies Requirement: Associated Entities:
 Type Name   Type Name

                        Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940330
   Last Project mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD2NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_2 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description

   Modified By   mass   Date Modified 940701   # Changes 3
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD3NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_3 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                          Description

   Modified By   mass   Date Modified 940701   # Changes 4
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD4NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_4 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

     Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                    Description

   Modified By   mass   Date Modified 940701   # Changes 3
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD5NUM

    Alternate Names

    Column Name

    Definition   Number of times decoration_5 was awarded

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   DECORATION_5_CNT
    Short Header   DECORATION5_CNT
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   mass   Date Modified 940701   # Changes 2
    Added By   mass   Date Added   940331
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD6NUM

    Alternate Names

    Column Name

    Definition   Number of times decoration_6 was awarded

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   DECORATION_6_CNT
    Short Header   DECORATION6_CNT
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description

    Modified By   mass   Date Modified 940701   # Changes 2
    Added By   mass   Date Added   940331
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD7NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_7 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_7_CNT
   Short Header   DECORATION7_CNT
   Base or Derived B
   Data Class
   Source   AFRS

      Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                        Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD8NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_8 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_8_CNT
   Short Header   DECORATION8_CNT
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD9NUM

    Alternate Names

    Column Name

    Definition   Number of times decoration_9 was awarded

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   DECORATION_9_CNT
    Short Header   DECORATION9_CNT
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   mass   Date Modified   940701   # Changes 2
    Added By   mass   Date Added   940331
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD10NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_10 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_10_CNT
   Short Header   DECORATION10CNT
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                            Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD11NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_11 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_11_CNT
   Short Header   DECORATION11CNT
   Base or Derived B
   Data Class
   Source   AFRS

     Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                          Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD12NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_12 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_12_CNT
   Short Header   DECORATION12CNT
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME AWARD13NUM

   Alternate Names

   Column Name

   Definition   Number of times decoration_13 was awarded

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   DECORATION_13_CNT
   Short Header   DECORATION13CNT
   Base or Derived B
   Data Class
   Source   AFRS

     Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                       Description

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940331
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME CEDL

    Alternate Names

    Column Name

    Definition   Civilian Education Certificate Code

    Input Format   X
    Output Format   X
    Edit Rules   From "CEDL Table"
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   CEDL
    Short Header   CEDL
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                         Description
 Certificate awarded upon completion of a certain degreee of schooling.

    Modified By   mass   .   Date Modified 940322   # Changes 1
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME CIV_ED_LEVEL

    Alternate Names

    Column Name

    Definition   Civilian Education Level

    Input Format   XXXXXXXXXXXXXXXXXXXXXXXXXX
    Output Format   XXXXXXXXXXXXXXXXXXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 26   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   VEF

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                          Description

    Modified By   mass   Date Modified 940703   # Changes 0
    Added By   mass   Date Added   940703
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME CIV_ED_MAJOR

   Alternate Names

   Column Name

   Definition   Civilian Education Major

   Input Format   XX
   Output Format   XX
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                        Description
   Represents the major subject of a certain degree of schooling.

   Modified By   mass   Date Modified 940703   # Changes 0
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME CIV_ED_YR

    Alternate Names

    Column Name

    Definition   Civilian Education Years Completed

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   VEF

      Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                              Description
Indicates highest number of years of creditable schooling successfully
completed by an individual.

    Modified By   mass   Date Modified 940703   # Changes 0
    Added By   mass   Date Added   940703
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME COMPONENT

   Alternate Names

   Column Name

   Definition   Officer's component

   Input Format   XXXXX
   Output Format   XXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 5   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description
Component provides information on officer's service, i.e. USMC, USN,
etc.

   Modified By   mass   Date Modified 940701   # Changes 0
   Added By   mass   Date Added   940701
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME DCTB

   Alternate Names

   Column Name

   Definition   Date Current Tour Began

   Input Format   999999
   Output Format   999999
   Edit Rules   YYMMDD
   Storage Type   C
   Characters left of decimal 6   Characters right of decimal   0

   Default
   Prompt
   Column Header   DCTB
   Short Header   DCTB
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                          Description
Commencement date of current tour at Monitored Command Code (MCC).
Diary entry at present command.

   Modified By   mass   Date Modified 940322   # Changes 0
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FABGRD

   Alternate Names

   Column Name

   Definition   Future Assigned Billet Grade

   Input Format   A9
   Output Format   A9
   Edit Rules   A=O or W
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   FABGRD
   Short Header   FABGRD
   Base or Derived   B
   Data Class
   Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
Billet paygrade for a future assignment. Used in conjunction with
Future Assigned Billet Military Occupational Specialty (FABMOS) will fix
an officer to billet during running of officer staffing goal model
(OSGM).

Monitor updatable.

   Modified By   mass   Date Modified 940322   # Changes 0
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FABGRDF

    Alternate Names

    Column Name

    Definition   Future Assigned Billet Grade Fix

    Input Format   X
    Output Format   X
    Edit Rules   & (Fixed at Future Monitored Command Code) or blank
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   FABGRDF
    Short Header   FABGRDF
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
Used in the officer staffing goal model (OSGM) to fix officer to a
specific Future Assigned Billet Military Occupational Specialty (FABMOS)
and Future Assigned Billet Grade (FABGRD) at the Future Monitored
Command Code (FMCC).

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FABMOS

  Alternate Names

  Column Name

  Definition   Future Assigned Billet Military Occupational Specialty

  Input Format   9999
  Output Format   9999
  Edit Rules   From "MOS Table" or asterisks (position 2-4 only)
  Storage Type   C
  Characters left of decimal 4   Characters right of decimal   0

  Default
  Prompt
  Column Header   FABMOS
  Short Header   FABMOS
  Base or Derived B
  Data Class
  Source   Slate File in Quantico MFrame

       Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                         Description
Billet Military Occupational Specialty (MOS) for a future assignment.
Used in conjunction with Future Assigned Billet Grade (FABGRD), these
will fix and officer to billet MOS during running of officer staffing
goal model (OSGM).

Monitor updatable.

  Modified By   mass   Date Modified 940322   # Changes 0
  Added By   mass   Date Added   940322
  Last Project   mass
  Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FDTYST

    Alternate Names

    Column Name

    Definition   Future Duty Status

    Input Format   9
    Output Format   9
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   FDTYST
    Short Header   FDTYST
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                          Description
    Identifies future duty status of officer. Full duty status is primarily
    the code entered.

    Monitor updatable.

    Modified By   user   Date Modified 940812   # Changes 3
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FMCC

   Alternate Names

   Column Name

   Definition   Future Monitored Command Code

   Input Format   XXX
   Output Format   XXX
   Edit Rules   From "MCC Table"
   Storage Type   C
   Characters left of decimal 3   Characters right of decimal   0

   Default
   Prompt
   Column Header   FMCC
   Short Header   FMCC
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

     Satisfies Requirement: Associated Entities:
Type Name   Type Name

                       Description
Projected future assignment by Monitored Command Code. This field
updated through order writing process.

   Modified By   mass   Date Modified 940322   # Changes 0
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FMMCC

    Alternate Names

    Column Name

    Definition   Former Monitored Command Code

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "MCC Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   FMMCC
    Short Header   FMMCC
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                        Description
    Previous assignment's MCC.

    Modified By   mass   Date Modified   940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FTO

   Alternate Names

   Column Name

   Definition   Future Table of Organization

   Input Format   9999A
   Output Format   9999A
   Edit Rules   Last positon is alphabetic or blank
   Storage Type   C
   Characters left of decimal 5   Characters right of decimal   0

   Default
   Prompt
   Column Header   FTO
   Short Header   FTO
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
Identifies future table of organization number within a Monitored
Command Code (MCC).

Monitor updatable.

   Modified By   mass   Date Modified 940322   # Changes 0
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FTOEDA

    Alternate Names

    Column Name

    Definition   Future Table of Organization Estimated Date of Arrival

    Input Format   9999
    Output Format   9999
    Edit Rules   YYMM
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   FTOEDA
    Short Header   FTOEDA
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                        Description
Projected arrival date of officer who will be serving in a particular
Table of Organization billet.

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME FTOLN

    Alternate Names

    Column Name

    Definition   Future Table of Organization Line Number

    Input Format   9999A
    Output Format   9999A
    Edit Rules   Last position is alphabetic or blank
    Storage Type   C
    Characters left of decimal 5   Characters right of decimal   0

    Default
    Prompt
    Column Header   FTOLN
    Short Header   FTOLN
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                              Description
Identifies future assignment to a specific TOLN within a Monitored
Command Code (MCC). Used in conjunction with Future Table of
Organization Number (FTO).

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME GEODAT

    Alternate Names

    Column Name

    Definition   Date tour began at Geographical Location

    Input Format   9999
    Output Format   9999
    Edit Rules   YYMM
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   GEODAT
    Short Header   GEODAT
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                        Description
    Date officer began serving in a particular geographical location.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME IMOS

    Alternate Names

    Column Name

    Definition   Intermediate Military Occupational Specialty

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "MOS Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   IMOS
    Short Header   IMOS
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
Identifies primary or additional MOS officer will receive after
qualification. Diary entries should be made to assign IMOS (whether
primary or additional).

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME JTBIL

    Alternate Names

    Column Name

    Definition   Joint billet

    Input Format   A
    Output Format   A
    Edit Rules   Y or N
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   O

    Default
    Prompt
    Column Header   JTBIL
    Short Header   JTBIL
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
Monitor updatable.

Needs clarification on what they want to do with this field. It exists
but their description of it is vague and not complete. They note that
these codes are not reliable.

    Modified By   mass   Date Modified 940321   # Changes 1
    Added By   mass   Date Added   940204
    Last Project   mass
    Locked By   Date Locked   O   Lock Status

TYPE Element   NAME LSEP

    Alternate Names

    Column Name

    Definition   Date last served in a Special Education Program Tour

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   LSEP
    Short Header   LSEP
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                          Description
    Year officer last served in a Special Education Program (SEP)
    utilization tour. Used by the SEP monitor to establish a queue for
    second SEP tours.

    Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED1_YR

   Alternate Names SCHOOL SPECIAL SKILL YEAR 1

   Column Name

   Definition   School completion date corresponding to SCHOOL SPECIAL CODE1

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                          Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

   Modified By   mass   Date Modified 940703   # Changes 0
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED2_YR

    Alternate Names SCHOOL SPECIAL SKILL YEAR 2

    Column Name

    Definition   School completion date corresponding to SCHOOL SPECIAL CODE2

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   VEF

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
    If school has been completed, a four digit year is entered. If in
    attendance, an A is entered left justified but if Marine is no longer in
    school and has not been reported as completed, a B is entered left
    justified.

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940703
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED3_YR

    Alternate Names SCHOOL SPECIAL SKILL YEAR 3

    Column Name

    Definition   School completion date corresponding to SCHOOL SPECIAL CODE3

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   O

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   VEF

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940703
    Last Project   mass
    Locked By   Date Locked   O   Lock Status

TYPE Element   NAME MIL_ED4_YR

   Alternate Names SCHOOL SPECIAL SKILL YEAR 4

   Column Name

   Definition   School completion date corresponding to SCHOOL SPECIAL CODE4

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
   If school has been completed, a four digit year is entered. If in
   attendance, an A is entered left justified but if Marine is no longer in
   school and has not been reported as completed, a B is entered left
   justified.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED5_YR

   Alternate Names SCHOOL SPECIAL SKILL YEAR 5

   Column Name

   Definition   School completion date corresponding to SCHOOL SPECIAL CODE5

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                            Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED6_YR

   Alternate Names SCHOOL SPECIAL SKILL YEAR 6

   Column Name

   Definition   School completion date corresponding to SCHOOL SPECIAL CODE6

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                          Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED7_YR

    Alternate Names SCHOOL SPECIAL SKILL YEAR 7

    Column Name

    Definition   School completion date corresponding to SCHOOL SPECIAL CODE7

    Input Format   99
    Output Format   99
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   VEF

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                              Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

    Modified By   mass   Date Modified 940703   # Changes 2
    Added By   mass   Date Added   940703
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED8_YR

   Alternate Names SCHOOL SPECIAL SKILL YEAR 8

   Column Name

   Definition   School completion date corresponding to SCHOOL SPECIAL CODE8

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED9_YR

   Alternate Names SCHOOL SPECIAL SKILL YEAR 9

   Column Name

   Definition   School completion date corresponding to SCHOOL SPECIAL CODE9

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                        Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED10_YR

   Alternate Names SCHOOL SPECIAL SKILL YEAR 10

   Column Name

   Definition   School completion date corres to SCHOOL SPECIAL CODE10

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

       Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

   Modified By   mass   Date Modified 940703   # Changes 2
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED11_YR

   Alternate Names SCHOOL SPECIAL SKILL YEAR 11

   Column Name

   Definition   School completion date corres to SCHOOL SPECIAL CODE11

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME MIL_ED12_YR

   Alternate Names SCHOOL SPECIAL SKILL YEAR 12

   Column Name

   Definition   School completion date corres to SCHOOL SPECIAL CODE12

   Input Format   99
   Output Format   99
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
If school has been completed, a four digit year is entered. If in
attendance, an A is entered left justified but if Marine is no longer in
school and has not been reported as completed, a B is entered left
justified.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME ORUC

    Alternate Names

    Column Name

    Definition   Original Reporting Unit Code

    Input Format   99999
    Output Format   99999
    Edit Rules   First 3 must be "548"
    Storage Type   C
    Characters left of decimal 5   Characters right of decimal   0

    Default
    Prompt
    Column Header   ORUC
    Short Header   ORUC
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type Name   Type   Name

                          Description
Reporting Unit Code assigned to an individual or group of monitors.
Means by which orders are initiated.

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 1
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PABGRDF

    Alternate Names

    Column Name

    Definition   Present Assigned Billet Grade Fix

    Input Format   X
    Output Format   X
    Edit Rules   & (Fixed at MCC) or blank
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   PABGRDF
    Short Header   PABGRDF
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
Used in officer staffing goal model (OSGM) to fix officer to a specific
Assigned Billet Military Occupational Specialty (ABMOS) and Assigned
Billet Grade (ABGRD) at his/her Military Command Code (MCC).

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PCSDAT

    Alternate Names

    Column Name

    Definition   Permanent Change of Station Date

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   PCSDAT
    Short Header   PCSDAT
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                           Description
    PCSDAT is the date serviceperson executes PCS orders.

    Updated by MMOA-3 only.

    Modified By   mass   Date Modified 940321   # Changes 3
    Added By   mass   Date Added   940117
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PERMDORD

   Alternate Names

   Column Name

   Definition   Permanent Date of Rank

   Input Format   XXXXXXXX   .
   Output Format   XXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 8   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   AFRS

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description

   Modified By   mass   Date Modified 940701   # Changes 1
   Added By   mass   Date Added   940701
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME PERMGRD

    Alternate Names

    Column Name

    Definition   Permanent Grade

    Input Format   XXXXXX
    Output Format   XXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   AFRS

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                            Description

    Modified By   mass   Date Modified 940701   # Changes 1
    Added By   mass   Date Added   940701
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME RTD

    Alternate Names

    Column Name

    Definition   Rotation Departure Date from overseas command

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   Slate File from Quantico

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
The scheduled departure date from an overseas command. Until the
recently submitted Systems modification is completed, this field will be
displayed as a packed decimal OFFUP 999999.

    Modified By   user   Date Modified 940812   # Changes 1
    Added By   user   Date Added   940812
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SAEDA

   Alternate Names

   Column Name

   Definition   Slate Advance Estimated Date of Arrival

   Input Format   9999
   Output Format   9999
   Edit Rules   YYMM
   Storage Type   C
   Characters left of decimal 4   Characters right of decimal   0

   Default
   Prompt
   Column Header   SAEDA
   Short Header   SAEDA
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

       Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                        Description
   Projected date of arrival to second of two assignments in advance.

   Monitor updatable.

   Modified By   mass   Date Modified 940322   # Changes 0
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SAMCC

    Alternate Names

    Column Name

    Definition   Slate Advanced Monitored Command Code

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "MCC Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   SAMCC
    Short Header   SAMCC
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                          Description
Projected two assignments in advance.

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHLVL

    Alternate Names

    Column Name

    Definition   School level of Professional Military Education Eligibility

    Input Format   X
    Output Format   X
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   SCHLVL
    Short Header   SCHLVL
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
No specific codes given nor its format, only that its length is one.

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

```
TYPE Element                              NAME SCHOOL1

   Alternate Names SCHOOL SPECIAL SKILL CODE 1

   Column Name

   Definition      Code to identify the formal schools/special skills completed

   Input Format    XXXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type    C
   Characters left of decimal 18    Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source          VEF


        Satisfies Requirement:              Associated Entities:
   Type  Name                           Type   Name


                         Description
A code to identify the formal schools/special skills completed,
attended, or currently enrolled in.


   Modified By    mass           Date Modified  940703    # Changes  0
   Added By       mass           Date Added     940703
   Last Project   mass
   Locked By                     Date Locked    0         Lock Status
```

TYPE Element   NAME SCHOOL2

   Alternate Names SCHOOL SPECIAL SKILL CODE 2

   Column Name

   Definition   Code to identify the formal schools/special skills completed

   Input Format   XXXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 18   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

       Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                        Description
   A code to identify the formal schools/special skills completed,
   attended, or currently enrolled in.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL3

   Alternate Names SCHOOL SPECIAL SKILL CODE 3

   Column Name

   Definition   Code to identify the formal schools/special skills completed

   Input Format   XXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 18   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                         Description
   A code to identify the formal schools/special skills completed,
   attended, or currently enrolled in.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL4

   Alternate Names SCHOOL SPECIAL SKILL CODE 4

   Column Name

   Definition   Code to identify the formal schools/special skills completed

   Input Format   XXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 18   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

      Satisfies Requirement: Associated Entities:
  Type Name   Type Name

                     Description
  A code to identify the formal schools/special skills completed,
  attended, or currently enrolled in.

  Modified By   mass   Date Modified 940703   # Changes 1
  Added By   mass   Date Added   940703
  Last Project   mass
  Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL5

   Alternate Names SCHOOL SPECIAL SKILL CODE 5

   Column Name

   Definition   Code to identify the formal schools/special skills completed

   Input Format   XXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 18   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                           Description
   A code to identify the formal schools/special skills completed,
   attended, or currently enrolled in.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL6

   Alternate Names SCHOOL SPECIAL SKILL CODE 6

   Column Name

   Definition   Code to identify the formal schools/special skills completed

   Input Format   XXXXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 18   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

       Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                         Description
   A code to identify the formal schools/special skills completed,
   attended, or currently enrolled in.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL7

   Alternate Names SCHOOL SPECIAL SKILL CODE 7

   Column Name

   Definition   Code to identify the formal schools/special skills completed

   Input Format   XXXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 18   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

      Satisfies Requirement: Associated Entities:
Type Name   Type Name

                      Description
A code to identify the formal schools/special skills completed,
attended, or currently enrolled in.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL8

    Alternate Names SCHOOL SPECIAL SKILL CODE 8

    Column Name

    Definition   Code to identify the formal schools/special skills completed

    Input Format   XXXXXXXXXXXXXXXXXXX
    Output Format   XXXXXXXXXXXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 18   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   VEF

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                            Description
    A code to identify the formal schools/special skills completed,
    attended, or currently enrolled in.

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940703
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL9

   Alternate Names SCHOOL SPECIAL SKILL CODE 9

   Column Name

   Definition   Code to identify the formal schools/special skills completed

   Input Format   XXXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 18   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

      Satisfies Requirement: Associated Entities:
 Type Name   Type Name

                         Description
 A code to identify the formal schools/special skills completed,
 attended, or currently enrolled in.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL10

    Alternate Names SCHOOL SPECIAL SKILL CODE 10

    Column Name

    Definition   Code to identify the formal schools/special skills completed

    Input Format   XXXXXXXXXXXXXXXXXXX
    Output Format XXXXXXXXXXXXXXXXXXX
    Edit Rules
    Storage Type   C
    Characters left of decimal 18   Characters right of decimal   0

    Default
    Prompt
    Column Header
    Short Header
    Base or Derived B
    Data Class
    Source   VEF

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
A code to identify the formal schools/special skills completed,
attended, or currently enrolled in.

    Modified By   mass   Date Modified 940703   # Changes 1
    Added By   mass   Date Added   940703
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL11

   Alternate Names SCHOOL SPECIAL SKILL CODE 11

   Column Name

   Definition   Code to identify the formal schools/special skills completed

   Input Format   XXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 18   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                         Description
A code to identify the formal schools/special skills completed,
attended, or currently enrolled in.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SCHOOL12

   Alternate Names SCHOOL SPECIAL SKILL CODE 12

   Column Name

   Definition   Code to identify the formal schools/special skills completed

   Input Format   XXXXXXXXXXXXXXXXXXX
   Output Format   XXXXXXXXXXXXXXXXXX
   Edit Rules
   Storage Type   C
   Characters left of decimal 18   Characters right of decimal   0

   Default
   Prompt
   Column Header
   Short Header
   Base or Derived B
   Data Class
   Source   VEF

        Satisfies Requirement: Associated Entities:
   Type Name   Type   Name

                         Description
   A code to identify the formal schools/special skills completed,
   attended, or currently enrolled in.

   Modified By   mass   Date Modified 940703   # Changes 1
   Added By   mass   Date Added   940703
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SEDA

    Alternate Names

    Column Name

    Definition   Slate Estimated Date of Arrival at Future MCC

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   SEDA
    Short Header   SEDA
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                        Description
Estimated date of arrival to future Monitored Command Code (MCC).

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SEDD

    Alternate Names

    Column Name

    Definition   Slate Estimated Date of Departure

    Input Format   999999
    Output Format   999999
    Edit Rules   YYMMDD
    Storage Type   C
    Characters left of decimal 6   Characters right of decimal   0

    Default
    Prompt
    Column Header   SEDD
    Short Header   SEDD
    Base or Derived B
    Data Class
    Source   Slate File from Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                            Description
Estimated date of departure from present command (Monitored Command
Code).

Monitor updatable.

    Modified By   user   Date Modified   940812   # Changes 7
    Added By   mass   Date Added   940114
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SFMCC

    Alternate Names

    Column Name

    Definition   Slate Future Monitored Command Code

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "MCC Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   SFMCC
    Short Header   SFMCC
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type Name   Type   Name

                            Description
Projected future next assignment for an officer by Monitored Command
Code (MCC).

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SIEDA

   Alternate Names

   Column Name

   Definition   Slate Intermediate Estimated Date of Arrival

   Input Format   9999
   Output Format   9999
   Edit Rules   YYMM
   Storage Type   C
   Characters left of decimal 4   Characters right of decimal   0

   Default
   Prompt
   Column Header   SIEDA
   Short Header   SIEDA
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type Name   Type Name

                          Description
   Estimated date officer will arrive at enroute school or training.

   Monitor updatable.

   Modified By   mass   Date Modified 940322   # Changes 0
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SIMCC

    Alternate Names

    Column Name

    Definition   Slate Intermediate Monitored Command Code

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "MCC Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   SIMCC
    Short Header   SIMCC
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                            Description
Reflects any school or training the officer may receive enroute to next
duty station.

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 1
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SIMOS

    Alternate Names

    Column Name

    Definition   Slate Intended Military Occupational Specialty

    Input Format   99999
    Output Format   99999
    Edit Rules
    Storage Type   C
    Characters left of decimal 5   Characters right of decimal   0

    Default
    Prompt
    Column Header   SIMOS
    Short Header   SIMOS
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                          Description
Identifies the primary or additional MOS the officer iwll receive when
he/she becoems qualified.

MOS is only 4 data lengths wide. This field has 5 for length. No
explanation for that.

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SPMCC

    Alternate Names

    Column Name

    Definition   Slate Present Monitored Command Code

    Input Format   XXX
    Output Format   XXX
    Edit Rules   From "MCC Table"
    Storage Type   C
    Characters left of decimal 3   Characters right of decimal   0

    Default
    Prompt
    Column Header   SPMCC
    Short Header   SPMCC
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                            Description
MCC officer is presently assigned to. May not necessarily coincide with
where officer is diaried to.

Monitor updatable.

    Modified By   mass   Date Modified 940327   # Changes 2
    Added By   mass   Date Added   940327
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC1

    Alternate Names

    Column Name

    Definition   Service School Code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   SVCCODE1
    Short Header   SVCCODE1
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                          Description
    Service School attended.

    Modified By   mass   Date Modified 940701   # Changes 1
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC2

    Alternate Names

    Column Name

    Definition   Service School Code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   SVCCODE2
    Short Header   SVCCODE2
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
 Type   Name   Type   Name

                          Description
 Service School attended.

    Modified By   mass   Date Modified 940701   # Changes 3
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC3

   Alternate Names

   Column Name

   Definition   Service School Code

   Input Format   XX
   Output Format   XX
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   SVCCODE3
   Short Header   SVCCODE3
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

     Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                Description
Service School attended.

   Modified By   mass   Date Modified 940701   # Changes 2
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC4

    Alternate Names

    Column Name

    Definition   Service School Code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   SVCCODE4
    Short Header   SVCCODE4
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type   Name

                          Description
    Service School attended.

    Modified By   mass   Date Modified 940701   # Changes 2
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC5

    Alternate Names

    Column Name

    Definition   Service School Code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   SVCCODE5
    Short Header   SVCCODE5
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                          Description
    Service School attended.

    Modified By   mass   Date Modified 940701   # Changes 2
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC6

   Alternate Names

   Column Name

   Definition   Service School Code

   Input Format   XX
   Output Format   XX
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   SVCCODE6
   Short Header   SVCCODE6
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                          Description
   Service School attended.

   Modified By   mass   Date Modified   940701   # Changes 2
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC7

    Alternate Names

    Column Name

    Definition   Service School Code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   SVCCODE7
    Short Header   SVCCODE7
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                           Description
    Service School attended.

    Modified By   mass   Date Modified   940701   # Changes 2
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC8

    Alternate Names

    Column Name

    Definition   Service School Code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   SVCCODE8
    Short Header   SVCCODE8
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                            Description
    Service School attended.

    Modified By   mass   Date Modified 940701   # Changes 2
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC9

   Alternate Names

   Column Name

   Definition   Service School Code

   Input Format   XX
   Output Format   XX
   Edit Rules
   Storage Type   C
   Characters left of decimal 2   Characters right of decimal   0

   Default
   Prompt
   Column Header   SVCCODE9
   Short Header   SVCCODE9
   Base or Derived B
   Data Class
   Source   Slate File in Quantico MFrame

       Satisfies Requirement: Associated Entities:
   Type   Name   Type   Name

                        Description
   Service School attended.

   Modified By   mass   Date Modified 940701   # Changes 3
   Added By   mass   Date Added   940322
   Last Project   mass
   Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC10

    Alternate Names

    Column Name

    Definition   Service School Code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   SVCCODE10
    Short Header   SVCCODE10
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                        Description
  Service School attended.

    Modified By   mass   Date Modified 940701   # Changes 3
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC11

Alternate Names

Column Name

Definition   Service School Code

Input Format   XX
Output Format   XX
Edit Rules
Storage Type   C
Characters left of decimal 2   Characters right of decimal   0

Default
Prompt
Column Header   SVCCODE11
Short Header   SVCCODE11
Base or Derived B
Data Class
Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
Type   Name   Type   Name

                         Description
Service School attended.

Modified By   mass   Date Modified 940701   # Changes 2
Added By   mass   Date Added   940322
Last Project   mass
Locked By   Date Locked   0   Lock Status

TYPE Element   NAME SSC12

    Alternate Names

    Column Name

    Definition   Service School Code

    Input Format   XX
    Output Format   XX
    Edit Rules
    Storage Type   C
    Characters left of decimal 2   Characters right of decimal   0

    Default
    Prompt
    Column Header   SVCCODE1
    Short Header   SVCCODE1
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
  Type   Name   Type   Name

                          Description
  Service School attended.

    Modified By   mass   Date Modified 940701   # Changes 2
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME TOEDD

    Alternate Names

    Column Name

    Definition   Table of Organization Estimated Date of Departure

    Input Format   9999
    Output Format   9999
    Edit Rules   YYMM
    Storage Type   C
    Characters left of decimal 4   Characters right of decimal   0

    Default
    Prompt
    Column Header   TOEDD
    Short Header   TOEDD
    Base or Derived B
    Data Class
    Source   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type Name   Type Name

                        Description
Estimated date an officer will be reassigned from a specific billet to
another within the same Moniored Command Code (MCC), e.g. a split tour.

Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

TYPE Element   NAME TSEP

    Alternate Names

    Column Name

    Definition   Type of Special Education Program Training

    Input Format   X
    Output Format   X
    Edit Rules
    Storage Type   C
    Characters left of decimal 1   Characters right of decimal   0

    Default
    Prompt
    Column Header   TSEP
    Short Header   TSEP
    Base or Derived B
    Data Class
    Source   ·   Slate File in Quantico MFrame

        Satisfies Requirement: Associated Entities:
    Type   Name   Type   Name

                          Description
    Indicates type of education training provided as officer.

    No codes give.

    Monitor updatable.

    Modified By   mass   Date Modified 940322   # Changes 0
    Added By   mass   Date Added   940322
    Last Project   mass
    Locked By   Date Locked   0   Lock Status

IDEAL LOGICAL DATA VIEW FOR MASS

FITREP

MID	OCC_CODE	BEGIN_DATE	END_DATE	...

DEPENDENT

DEP_SSN	MID *	LName	FName	...

SENSITIVE DATA

MID	SENSITIVE_DATE	...

MCC

MCC	MCC_Longname	...

AWARD

MID	AWARD_DATE	AWARD_CODE	...

EDUCATION

MID	COMP_DATE	...

PERSON

MID	LName	FName	...

ASR

MCC	DMOS	DGRADE	...

ASSIGNMENT

MID	MCC	DMOS	DGRADE	PMOS	PGRADE	...

STAFFING GOAL

MCC	DMOS	DGRADE	PMOS	PGRADE	...
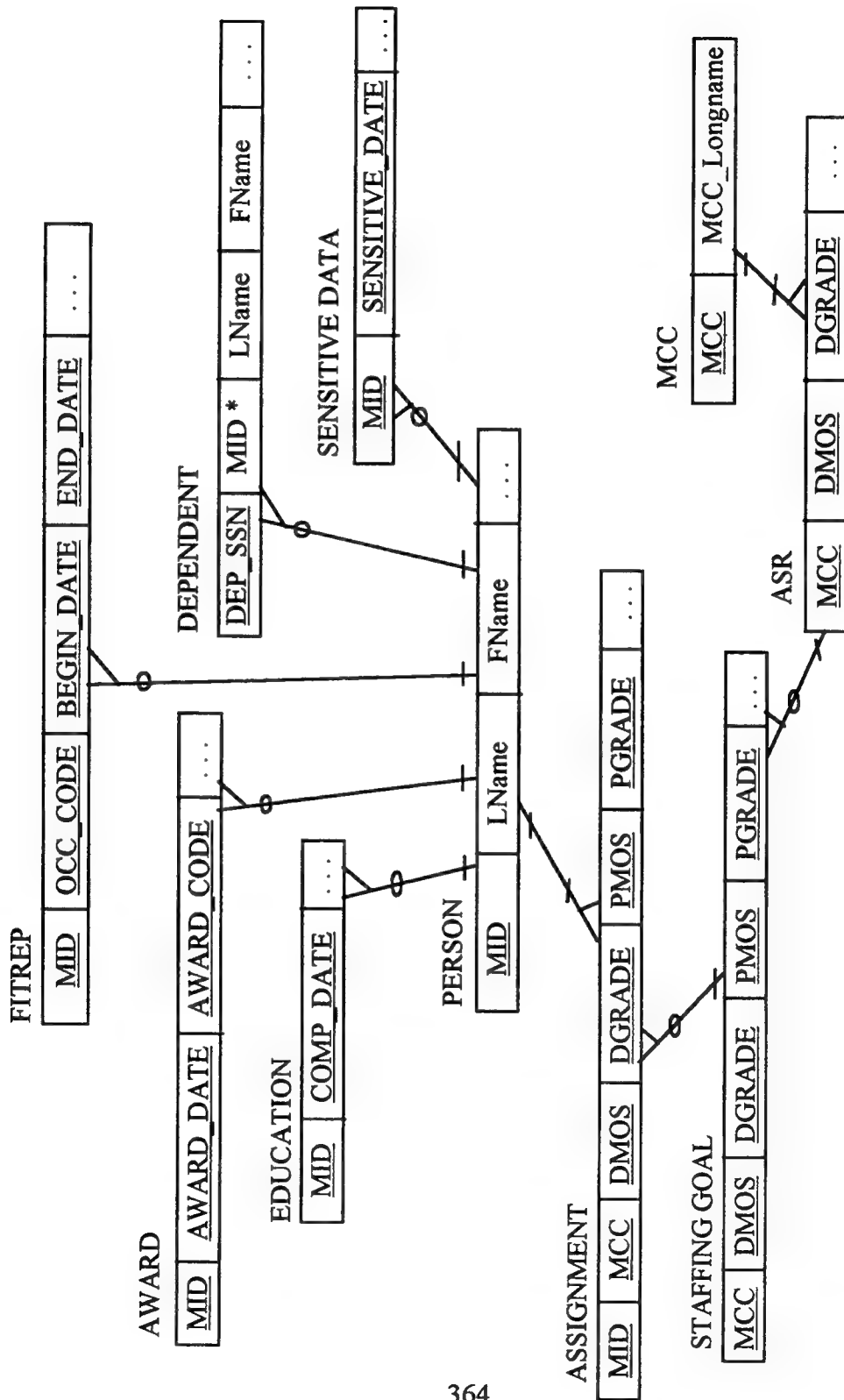
PRACTICAL LOGICAL DATA VIEW FOR MASS

FITREP_DETAIL

MID	OCC_CODE	DISP_FM_DATE	DISP_TO_DATE	. . .

MEMBER

MID	SPMCC *	ABMOS *	ABGRD *	PMOS *	PRGD *	. . .

STAFFING_GOAL

MCC	DMOS	DGRADE	PMOS	PGRD	SG_Quantity

ASR

DMCC	DMOS	DGRADE	ASR_Quantity

CEF

MCC	MCC_Longname
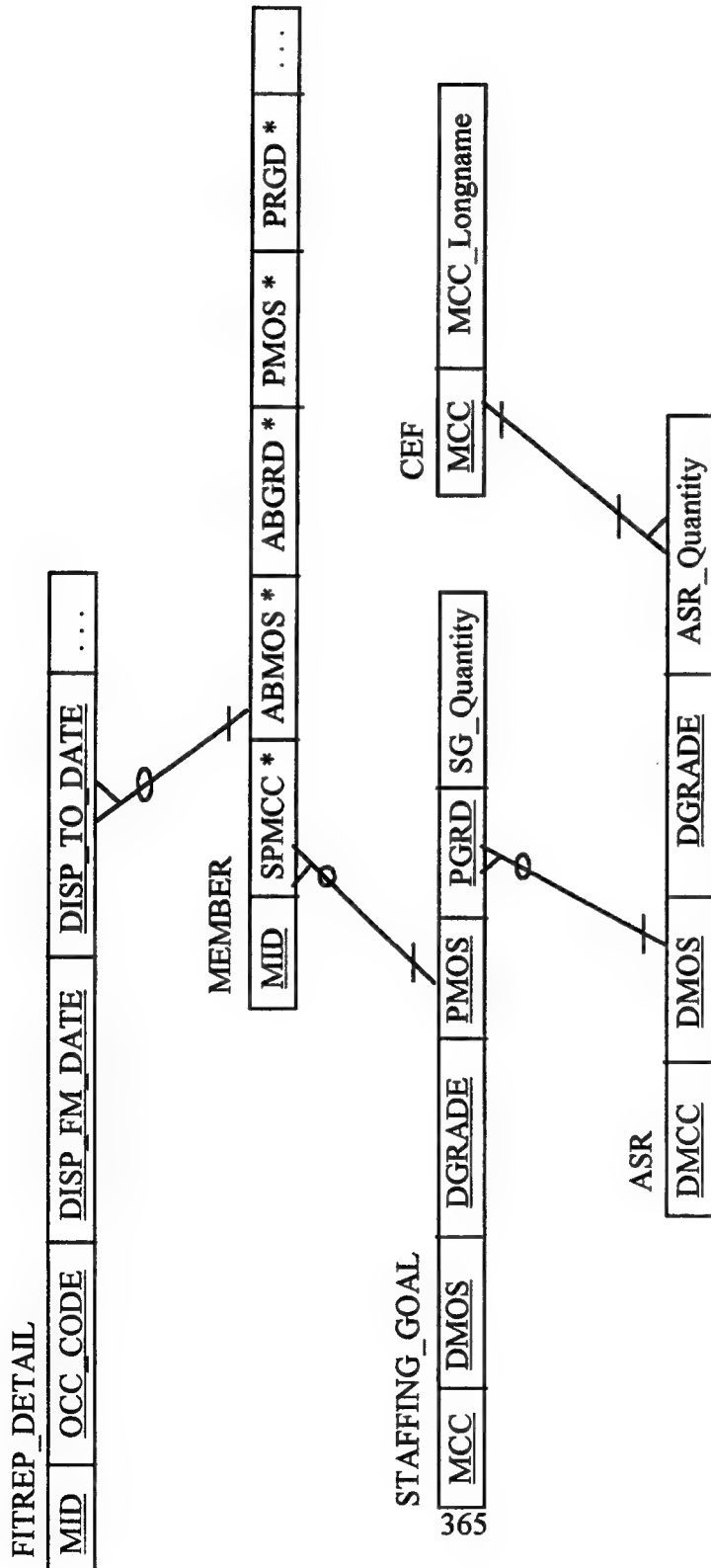
APPENDIX E

MASS TABLES

AUTHORIZED STRENGTH REQUIREMENT TABLE

Name	Type	Length	IndexName
Demand MCC	Text	3	PrimaryKey
Demand Grade	Text	2	PrimaryKey
Demand MOS	Text	4	PrimaryKey
ASR Quantity	Double	8	

CIVILIAN EDUCATION CERTIFICATE CODE TABLE

Name	Type	Length	IndexName
CEDL	Text	1	PrimaryKey
CEDL Meaning	Text	36	

COMPONENT CODE BRANCH OF SERVICE TABLE

Name	Type	Length	IndexName
COMP	Text	2	PrimaryKey
COMP Meaning	Text	38	

CONTRACT LEGAL AGREEMENT TABLE

Name	Type	Length	IndexName
CLA	Text	1	PrimaryKey
CLA Meaning	Text	38	

DEPENDENT RELATION TABLE

Name	Type	Length	IndexName
DEPN_REL	Text	2	PrimaryKey
DEPN_REL Meanin	Text	39	

DEPLOYMENT STATUS CODE TABLE

Name	Type	Length	IndexName
DSC	Text	1	PrimaryKey
DSC Meaning	Text	39	

DUTY LIMIT STATUS CODE TABLE

Name	Type	Length	IndexName
DULIM	Text	1	PrimaryKey
DULIM Meaning	Text	39	

ETHNIC TABLE

Name	Type	Length	IndexName
ETHNIC	Text	1	PrimaryKey
ETHNIC Meaning	Text	36	

EXCEPTION CODE TABLE

Name	Type	Length	IndexName
EXCPTN	Text	1	PrimaryKey
EXCPTN Meaning	Text	39	

FITNESS REPORT DETAIL TABLE

Name	Type	Length	IndexName
MID	Text	10	PrimaryKey
ORG_TITLE	Text	30	
DUTY_TITLE	Text	20	
OCC_CODE	Text	2	PrimaryKey
DISP_FM_DATE	Text	8	PrimaryKey
DISP_TO_DATE	Text	8	PrimaryKey
NO_MONTHS	Text	2	
TO_TITLE	Text	30	
GRADE_DISP	Text	6	
TYPE_DUTY	Text	1	
DMOS	Text	4	
PERF	Text	14	
ITEM_13A	Text	1	
ITEM_13B	Text	1	
ITEM_13C	Text	1	
ITEM_13D	Text	1	
ITEM_13E	Text	1	
ITEM_13F	Text	1	
ITEM_13G	Text	1	
QUALITIES	Text	28	
ITEM_14A	Text	1	
ITEM_14B	Text	1	
ITEM_14C	Text	1	
ITEM_14D	Text	1	
ITEM_14E	Text	1	
ITEM_14F	Text	1	
ITEM_14G	Text	1	
ITEM_14H	Text	1	
ITEM_14I	Text	1	
ITEM_14J	Text	1	
ITEM_14K	Text	1	
ITEM_14L	Text	1	
ITEM_14M	Text	1	
ITEM_14N	Text	1	
VALUE_DISP	Text	22	
DES_DISP	Text	1	
ITEM_17	Text	3	
DISTRIB	Text	22	
ITEM_15B1	Text	1	
ITEM_15B2	Text	1	
ITEM_15B3	Text	1	
ITEM_15B4	Text	1	
ITEM_15B5	Text	1	
ITEM_15B6	Text	1	
ITEM_15B7	Text	1	
ITEM_15B8	Text	1	
ITEM_15B9	Text	1	

Name	Type	Length	IndexName
ITEM_15B10	Text	1	
ITEM_15B11	Text	1	
ITEM_18_19_21	Text	3	

LANGUAGE TABLE

Name	Type	Length	IndexName
LANG	Text	2	PrimaryKey
LANG Meaning	Text	24	

MARITAL STATUS TABLE

Name	Type	Length	IndexName
MARST	Text	1	PrimaryKey
MARST Meaning	Text	17	

MEMBER TABLE

Name	Type	Length	IndexName
MAC	Text	2	
MID	Text	10	PrimaryKey
ODAUS	Date/Time	8	
PEAS	Date/Time	8	
SPMCC	Text	3	Reference
SEDD	Date/Time	8	
PGRD	Text	3	Reference
SGRD	Text	2	
PMOS	Text	4	Reference
MOS1	Text	4	
MOS2	Text	4	
PCSDAT	Date/Time	8	
FUTMOS	Text	4	
JTMOS	Text	4	
JSODAT	Date/Time	8	
APMOS	Text	4	
MOBEX	Text	5	
PABGRDF	Text	1	
FABGRDF	Text	1	
CYIZ	Text	1	
SCHLVL	Text	1	
JTBIL	Text	1	
ABMOS	Text	4	Reference
ABGRD	Text	2	Reference
LFMF	Text	2	
LSEP	Text	2	
TSEP	Text	1	
TON	Text	5	
TOLN	Text	5	
TOEDD	Date/Time	8	
FMMOS	Text	4	
SIMOS	Text	5	
SCHG	Text	1	
EXCPTN	Text	1	
FABMOS	Text	4	
FABGRD	Text	2	
SSEF	Text	1	
SSSF	Text	1	
FTO	Text	5	
FTOLN	Text	5	
FTOEDA	Date/Time	8	
SIMCC	Text	3	
SIEDA	Date/Time	8	
SFMCC	Text	3	
SEDA	Date/Time	8	
FDTYST	Text	1	
FTCF	Text	2	

Name	Type	Length	IndexName
FPCS	Text	2	
FRFT	Text	1	
ORUC	Text	5	
OTTC	Text	3	
ORFLG	Text	1	
PDS	Text	1	
SAMCC	Text	3	
SAEDA	Date/Time	8	
AGLC	Text	3	
AGLCEDA	Text	4	
DIFOP	Text	1	
AASAGNF	Text	1	
ACCOMP	Text	2	
MNOTES	Memo	0	
ROSTER	Text	7	
LNAME	Text	20	
FNAME	Text	10	
MINIT	Text	2	
INIT	Text	3	
PASSED	Double	8	
GEODAT	Date/Time	8	
MCC	Text	3	
RUC	Text	5	
EASD	Date/Time	8	
RACE	Text	1	
SEX	Text	1	
CLA	Text	2	
DULIM	Text	1	
MARST	Text	1	
ETH	Text	1	
FMCC	Text	3	
BMOS	Text	4	
COMP	Text	2	
FLAG	Text	1	
FMMCC	Text	3	
SCAT	Text	1	
RECSTAT	Text	1	
CEDL	Text	1	
SECINV	Text	1	
SEC	Text	1	
SPOSVC	Text	1	
OPGATE1	Text	1	
OPGATE2	Text	1	
RFTF	Text	1	
DSC	Text	1	
SSC1	Text	3	
SSC2	Text	3	

Name	Type	Length	IndexName
SSC3	Text	3	
SSC4	Text	3	
SSC5	Text	3	
SSC6	Text	3	
SSC7	Text	3	
SSC8	Text	3	
SSC9	Text	3	
SSC10	Text	3	
SSC11	Text	3	
SSC12	Text	3	
PDU1	Text	3	
PDU2	Text	3	
PDU3	Text	3	
TCF	Text	2	
PCSC	Text	2	
GLCDCTB	Date/Time	8	
LANG1	Text	2	
LANG2	Text	2	
LANG3	Text	2	
LANG4	Text	2	
IMOS	Text	4	
LNPRES	Text	8	
DEPLOC	Text	3	
DCTB	Date/Time	8	
AFADBD	Text	6	
DOR	Text	6	
RTD	Text	6	
DAUSDR	Text	6	
SECDT	Text	6	
GCT	Text	3	
ORTRDT	Text	6	
ADT	Text	3	
DAUSDN	Text	6	
D1COMM	Text	6	
OSD	Text	6	
ASED	Text	6	
OPFLY	Text	5	
OPFLCD	Text	6	
OPBD	Text	6	
DRD	Text	6	
COMPONENT	Text	5	
GT	Text	3	
PERMGRD	Text	6	
PERMDORD	Date/Time	8	
DOBD	Date/Time	8	
ORIG_ENT_AFD	Date/Time	8	
PEBDD	Date/Time	8	

Name	Type	Length	IndexName
AC_NAV_BDD	Date/Time	8	
ACC_1ST_CMD	Date/Time	8	
DOR_1ST_LDOD	Date/Time	8	
DSG_PILOTD	Date/Time	8	
CUR_ACDU_BDD	Date/Time	8	
SD_CODE	Text	2	
OSCD	Date/Time	8	
CONTRACT_DISP	Text	10	
AWARD1NUM	Text	2	
AWARD1	Text	17	-
AWARD2NUM	Text	2	
AWARD2	Text	17	
AWARD3NUM	Text	2	
AWARD3	Text	17	
AWARD4NUM	Text	2	
AWARD4	Text	17	
CIV_ED_YR	Text	26	
CIV_ED_LEVEL	Text	26	
CIV_ED_MAJOR	Text	26	
SCHOOL1	Text	18	
MIL_ED1_YR	Text	2	
SCHOOL2	Text	18	
MIL_ED2_YR	Text	2	-
SCHOOL3	Text	18	
MIL_ED3_YR	Text	2	
SCHOOL4	Text	18	
MIL_ED4_YR	Text	2	
SCHOOL5	Text	18	
MIL_ED5_YR	Text	2	
SCHOOL6	Text	18	
MIL_ED6_YR	Text	2	
SCHOOL7	Text	18	
MIL_ED7_YR	Text	2	
SCHOOL8	Text	18	
MIL_ED8_YR	Text	2	
SCHOOL9	Text	18	
MIL_ED9_YR	Text	2	
SCHOOL10	Text	18	
MIL_ED10_YR	Text	2	
SCHOOL11	Text	18	
MIL_ED11_YR	Text	2	
SCHOOL12	Text	18	
MIL_ED12_YR	Text	2	

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MILITARY OCCUPATIONAL SPECIALTY TABLE

Name	Type	Length	IndexName
MOS	Text	4	PrimaryKey
MOS Meaning	Text	39	

MONITORED COMMAND CODE TABLE

Name	Type	Length	IndexName
MCC	Text	3	PrimaryKey
MCC_Long Name	Text	54	

ORDERS FLAG TABLE

Name	Type	Length	IndexName
ORFLG	Text	1	PrimaryKey
ORFLG Meaning	Text	30	

PERMANENT CHANGE OF STATION TABLE

Name	Type	Length	IndexName
PCS	Text	2	PrimaryKey
PCS Meaning	Text	39	

PREFERENCE OF DUTY TABLE

Name	Type	Length	IndexName
PDU	Text	3	PrimaryKey
PDU Meaning	Text	39	

UPDATE TBL_ASR

Macro: mcr_update_ASR_w_DETSOL	
Action	**Comment**
Hourglass	Sets hourglass on when process is running
TransferText	Import DETSOL from C:\MASS\DETSOL.TXT
OpenQuery	Runs qry_update_DETSOL_DGRADE_02
OpenQuery	Runs qry_update_DETSOL_DGRADE_03
OpenQuery	Runs qry_update_DETSOL_DGRADE_04
OpenQuery	Runs qry_update_DETSOL_DGRADE_05
OpenQuery	Runs qry_update_DETSOL_DGRADE_06
OpenQuery	Runs qry_update_DETSOL_DGRADE_07
OpenQuery	Runs qry_update_DETSOL_DGRADE_WO
OpenQuery	Runs qry_update_DETSOL_PGRD_02
OpenQuery	Runs qry_update_DETSOL_PGRD_03
OpenQuery	Runs qry_update_DETSOL_PGRD_04
OpenQuery	Runs qry_update_DETSOL_PGRD_05
OpenQuery	Runs qry_update_DETSOL_PGRD_06
OpenQuery	Runs qry_update_DETSOL_PGRD_07
OpenQuery	Runs qry_update_DETSOL_PGRD_WO
OpenQuery	Adds new ASR records to tbl_ASR
OpenQuery	Deletes old ASR records from tbl_ASR
OpenQuery	Update tbl_ASR using DETSOL file
RunCode	Deletes temporary DETSOL table
MsgBox	Update to tbl_ASR complete
Action Arguments	

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UPDATE TBL_FITREPDETAIL

Macro: mcr_update_FITREPDETAIL	
Action	**Comment**
SetWarnings	Sets warnings off
Hourglass	Sets pointer to hourglass while macro is running
SelectObject	Selects tbl_FITREPDETAIL for copying to another file
CopyObject	Copies current tbl_FITREPDETAIL table to a backup table named tbl_FITREP_BAK
TransferText	Imports FITREPDETAIL table from C:\MASS\DETAIL.TXT
OpenQuery	Adds new fitness reports to tbl_FITREPDETAIL
OpenQuery	Deletes old fitness reports from tbl_FITREPDETAIL
OpenQuery	Updates FITREPDETAIL table with imported FITREPDETAIL table from source system
RunCode	Deletes temporary imported tables
MsgBox	Message indicating importing of table complete

Action Arguments

UPDATE TBL_MEMBER

Action	Comment
SetWarnings	Sets warnings off
Hourglass	Sets pointer to hourglass while macro is running
SelectObject	Selects tbl_MEMBER for copying to another file
CopyObject	Copies current MEMBER table to a backup table named tbl_MEMBER_BAK
TransferText	Imports MEMBER table from C:\MASS\MEMBER.TXT
TransferText	Imports MEMBER2 table from C:\MASS\MEMBER2.TXT
TransferText	Imports FITRPHEADER table from C:\MASS\FTRPHDR.TXT
TransferText	Imports FITRPHEADER2 table from C:\MASS\FTRPHDR2.TXT
OpenQuery	Adds new MEMBER records to tbl_MEMBER
OpenQuery	Adds new MEMBER2 records to tbl_MEMBER
OpenQuery	Adds new FITRPHEADER to tbl_MEMBER
OpenQuery	Adds new FITRPHEADER2 to tbl_MEMBER
OpenQuery	Deletes old tbl_MEMBER records not found in MEMBER, MEMBER2, FITRPHEADER,
OpenQuery	Updates MEMBER table with imported MEMBER table from source system
OpenQuery	Updates MEMBER table with part2 of MEMBER
OpenQuery	Updates MEMBER table with MEMBER2
OpenQuery	Updates MEMBER table with FITRPHEADER
OpenQuery	Updates MEMBER table with FITRPHEADER2
RunCode	Deletes temporary imported tables using Access Basic
MsgBox	Sends message to screen informing MEMBER table update complete

Macro: mcr_update_MEMBER

Action Arguments

UPDATE TBL_STAFFING_GOAL

Macro: mcr_update_STAFFING_GOAL_w_DETSOL	
Action	**Comment**
SetWarnings	Sets warnings off
Hourglass	Displays hourglass while process is running
OpenQuery	Sums DETSOL Quantity field to get total quantity Staffing Goal
OpenQuery	Adds new STAFFING_GOALS to tbl_STAFFING_GOAL
OpenQuery	Deletes old STAFFING_GOALS from tbl_STAFFING_GOAL
OpenQuery	Updates STAFFING_GOAL from DETSOL table
MsgBox	Indicates Staffing Goal update complete
Action Arguments	

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